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12443/B "Bell, Book, Candle" Curse. 489.

Bellemeu, 70.

"Knighthood" (see)

Assassins

"Lefts - front of"

See also

Page 281.

Book done

Sewage

See "He"

W.C. Meland.

1143.

The Ojibbeway Indians call the "Milkyway"
"the path of the dead," or "the path of souls."

Cairo sh^d. be pronounced as marked, i.e.
in 3 syllables, seeing that Cairo is a
corruption of "Kairah", meaning the Vic-
regious.

Kings and Queens - 448.

2) Flimble invented by the Dutch abt. 1690.

666 of the 3000 in the of England, 1690.

1 lakh of Rupees = £10,000.

the "new style" introduced into England in 1752.

see "Nicene Creed," p. 349.



LONDON THOMAS KELLY, PATERNOSTER ROW.

MDCCLXII.



THE
NEW TABLET OF MEMORY:

OR,

CHRONICLE OF REMARKABLE EVENTS;

WITH THE DATES OF

INVENTIONS AND DISCOVERIES

IN THE

ARTS AND SCIENCES;

AND

BIOGRAPHICAL NOTICES OF THE MOST DISTINGUISHED PERSONS
OF EVERY AGE AND NATION:

FORMING

A COMPLETE EPITOME OF UNIVERSAL HISTORY.

BY

THOMAS BARTLETT, ESQ.

EMBELLISHED WITH ILLUSTRATIVE ENGRAVINGS.

LONDON:

THOMAS KELLY, PATERNOSTER ROW.

MDCCLXXII.

LONDON :
THOMS, PRINTER, WARWICK SQUARE.



P R E F A C E.

THE principal object contemplated by the author in the following work is utility. To a large number of individuals a chronological arrangement of facts and events is often indispensable. This circumstance gave rise to the publication of the original "Tablet of Memory," which appeared some time before the close of the last century. In that work, the author arranged the events under certain heads, as Accidents, Occurrences, &c., under separate alphabets; but it was found very defective, in consequence of the meagre information it contained, and the difficulty, when searching for a fact, of ascertaining under what alphabet it might be found. The subsequent editions have also been very inaccurate.

In the following work, which includes general history, biography, science, and art, as well as much miscellaneous information, the whole appears on a greatly enlarged scale, under one general alphabetical arrangement, in which the events are introduced in chronological order. At the same time, the author trusts that the information under each article is sufficient to render it of utility to readers of all classes.

In relation to general HISTORY, the most memorable events are concisely noticed, from the creation of the world to the present time, in alphabetical order, under the geographical name of all the principal divisions of the world. In this department, besides a sketch of the chronology of every country, both ancient and modern, is introduced the name of every colony, city, town, public body, &c., respecting which there is any event worthy of notice.

On the subject of BIOGRAPHY, the work contains a sketch of the life of the most eminent individuals in every age and country, and if they have borne a conspicuous place in the history of any particular state or city, reference is made to it, under its alphabetical order.

The facts connected with SCIENCE and ART, and the discoveries and improvements in every department, are arranged under the most obvious word, with references to all others under which they might with any

degree of probability be sought for. This department includes, among other things, a concise chronological account of the origin and progress of all the principal sciences, as ASTRONOMY, CHEMISTRY, ELECTRICITY, GALVANISM, &c.; the introduction, and most recent improvements connected with GAS, STEAM, RAILWAYS, &c., and the dates of all the principal geographical discoveries, &c.

The author suggests that the following pages will be found useful as a book of frequent reference; among others, to the following classes in society:—The man of science and literature, although he will not expect from it any novelty, will often be able to avail himself of the information above alluded to, where memory fails, or the means of refreshing it are not at hand.

To commercial and professional men a ready reference to dates, &c. of acts of parliament and other public documents will either prevent the necessity of laborious research, or give such assistance as shall render that research more easy and effectual.

To those who may be suddenly called to conduct or address public assemblies, either of a political, commercial, or religious character, a fund of information will be found of various characters, and condensed in a small compass, by which the memory may be hastily qualified for the occasion. The reader is referred under this head to the articles, BIBLE, BIBLE SOCIETY, CORN LAWS, CHURCH, SLAVERY, &c.

To the general reader of the literature of the day, or to persons possessing a desire for knowledge, with few opportunities of obtaining it, the work will recommend itself, as containing (besides the general history and compendium of science before noticed) a great mass of miscellaneous information connected with the common events in life, which cannot fail to be eminently useful.

In conclusion, the author's design is, that the work should render effectual assistance to that important faculty, the memory, by forming a complete, though concise, epitome of universal history—uniting the advantages of facts, dates, and alphabetical arrangement—and on a scale that he is not aware has ever before been presented to the public. In attempting this, it will be evident to those qualified to judge, that an immense labour of reference and research has been employed. How far the Author has succeeded in the accomplishment of the task he has assigned to himself, must be left to the candid judgment of the reader.

OXFORD, *April 1, 1841.*

INTRODUCTION.

IN order to understand the plan of the following work, some introductory remarks on the nature and uses of chronology may not be inappropriate.

Chronology has been defined by a modern popular writer, “the story of time”—or “the narrative of the succession of recorded events, in their proper order, noticing the portions of time that elapse between them.” Even to merely historical knowledge, chronology is important; because, without it, our knowledge is not correct. But, when we wish to turn our historical knowledge to a practical use, by reflecting upon the causes and results of human actions, chronology becomes indispensable.

Before the “story of time” can be known, we must know something of time itself; we must know how to compare two portions or periods of it, so as to be able to say either that they are of equal length, or that the one is longer than the other, and how much longer it is. In order to do this, we must fix upon some standard of which the length is known. We must have recourse to some event which we have reason to believe does not take up a longer period at one time than at another,—such as the rotation of the earth upon its axis, the revolution of the moon round the earth, or that of the earth round the sun. On these principles are formed the common divisions of time.

DAYS AND HOURS.—A natural day consists of 24 hours, or of that space of time in which the earth makes one complete rotation about its axis; and, consequently, it is the time which the sun takes to perform 15 degrees of his apparent diurnal course from east to west. The hour is divided into 60 equal parts, called minutes, the minute into 60 equal parts, called seconds, and so on, continuing the subdivisions by 60 at pleasure. The most ancient hour consisted of not the 24th, but the 12th part of the day. The Egyptians and ancient Greeks divided their day into four equal parts of three hours each. The night also they divided into four equal watches. The beginning of the day has been variously reckoned by different nations. The Chaldæans, Syrians, Persians, and Indians, reckoned the day to commence at sunrise. The Jews also used this method for their civil, but began the sacred day at sunset; this latter mode was used also by the Athenians, the Arabs, the ancient Gauls, and some other European nations. The ancient inhabitants of Italy computed the day from midnight, and in this they have been followed by the English, French, Dutch, Germans, Spaniards, and Portuguese. Modern astronomers, after the Arabians, count the day from noon.

THE WEEK.—The earlier Greeks divided their month into three portions of ten days each: the northern Chinese had a week of 15 days, and the Mexicans one of 13. But the Chaldæans and most other Oriental nations, have, from time immemorial, used the Jewish week of seven days, which has been adopted by the Mohammedans, and introduced, with Christianity, to most of the civilized nations of the world.

THE MONTH is, properly, that portion of time in which the moon performs her circuit about the earth, and this month is of the kind with which chronology is chiefly concerned. Lunar months are either periodical or synodical. A periodical lunar month is the time which elapses between the departure of the moon from any point in her orbit, and her return to the same point, which is 27 days, seven hours, 43 minutes, and eight seconds. The synodical lunar month is the time that elapses between one conjunction of the sun and moon, and another, which is 29 days, 12 hours, 44 minutes, and 3 11-60 seconds. The civil month is that artificial space of time, by means of which the solar year is divided into 12 parts; these months, which were first ordained by Julius Cæsar, consist of 30, or 31 days each, with the exception of February, which commonly contains 28, and in every fourth year, 29 days. See the article BISSEXTILE.

THE YEAR is the largest revolution of time; it is the period that elapses while the earth is performing one complete revolution about the sun, which is about $365\frac{1}{4}$ days. The ordinary years (to prevent embarrassment in computations) are reckoned to contain only 365 days, and the quarter of a day, which in these years is omitted, is brought to account every fourth year. The three quarters of days omitted, together with a quarter of a day belonging to the current year, make up one whole day, this is added to the end of February in that said fourth year, which, by this means, consists of 366 days, and is known by the name of bissextile, or leap-year. Julius Cæsar instituted this method of regulating the year, A.C. 46, whence it is called the Julian year. But the true length of the year is not $365\frac{1}{4}$ days; it falls short of this number by 11 minutes, 12 seconds, according to the most accurate observations; that is, the exact length of the year is 365 days, five hours, 48 minutes, and 48 seconds. By this difference the Julian computation advances one day in 130 years before the true solar time, so that in the course of a few ages, the solar time, and that estimated according to the Julian plan, will be widely different; and, in process of time, the seasons will have gradually changed places. This inconvenience had been long felt, but no effectual remedy was applied till 1582, when Pope Gregory XIII. ordered the ten days which the Julian time had then advanced before the solar, to be thrown out; and what is called the new style to be introduced.—See the article CALENDAR, p. 179.

Historical chronology, or that part of the science which assigns dates of time to the events of history, the use of which is to afford a ready apprehension of the distance of those events from the present or any other stated time, requires some more important divisions. When a nation came to such a degree of information and importance, as that it felt a desire to record the events of its own history, it generally began with some great event, as a fixed point or EPOCH, from which it counted the ERA, or succession of portions of time, all presumed to be equal, and each equal to that which the nation happened to take for a standard.—See the articles EPOCH and ERA.

A CYCLE is an interval of years included between two fixed periods, and which continually recurs. The first cycle we read of is that of Cleostrates, a philosopher of Tenedos; it comprised a period of eight years, and was intended to remedy the defects of the Greek calendar.

The LUNAR, or METONIC CYCLE, is a period of 19 years, at the end of which the sun and moon return to nearly the same part of the heavens. This cycle was invented by Meton, an Athenian astronomer who flourished A.C. 432, and was adopted with universal approbation. It was afterwards corrected by Eudoxus, and subsequently by Calippus, whose improvements the moderns have adopted. The council of Nice wishing to establish some method for adjusting the new and full moons to the course of the sun, with the view of determining the time of Easter, employed this cycle as the best adapted to answer the purpose; and from its great utility they caused the numbers of it to be written on the calendar in golden letters, which has obtained for it the name of the golden numbers.

The **GOLDEN NUMBER** for any year is found as follows :—The first year of the Christian era corresponds to the second of this cycle ; if then to a given year of this era one be added, and the sum be divided by 19, the quotient will denote the number of cycles which have revolved since the commencement of the Christian era, and the remainder will be the golden number for the given year.

The **SOLAR CYCLE** consists of 28 years, at the expiration of which the sun returns to the sign and degree of the ecliptic which he had occupied at the conclusion of the preceding period, and the days of the week correspond to the same days of the month as at that time. It is used to determine the Sunday or dominical letter, which we shall briefly explain. In the calendars the days of the week are distinguished by the first seven letters of the alphabet, A, B, C, D, E, F, G ; and the rule for applying these letters is invariably to put A for the first day of the year, whatever it be ; B for the second, and so in succession to the seventh: If every year were common, the process would continue regular, and a cycle of seven years would suffice to restore the same letters to the same days as before. But the intercalation of a day every bissextile, or fourth year, has occasioned a variation in this respect. The bissextile year containing 366, instead of 365 days, will throw the dominical letter of the following year back two letters. This alteration is effected by changing the dominical letter at the end of February, where the intercalation of a day takes place. In consequence of this change every fourth year, 28 years must elapse before a complete revolution can take place in the dominical letter, and it is on this circumstance that the period of the solar cycle is founded. The dominical letter is used to find the moveable feasts in every year.

The **CYCLE OF INDICTION** consists of 15 years, and is derived from the Romans. The first year of this cycle is made to correspond to the year A.C. 3. If therefore to any given year of the Christian era three be added, and the sum be divided by 15, the remainder will be the year of this cycle. There is, however, another mode of calculating it. This cycle was established by Constantine, A.D. 312 ; if therefore from the given year of the Christian era 312 be subtracted, and the remainder be divided by 15, the year of this cycle will be obtained. In either of these ways, if there be no remainder, the indiction will be 15.

Having thus given a sketch of general and historical chronology, it only remains briefly to allude to the differences which have arisen respecting the chronology of ancient nations. Sir Isaac Newton in his well-known work on the subject, has shown, that the ancient chronology is involved in the greatest uncertainty ; and that the Europeans had no chronology before the existence of the Persian empire, or A.C. 536 ; that the antiquities of the Greeks are full of fables till this period, and that after this time several Greek historians introduced the computation by generations. The chronology of the Latins was still more uncertain ; their old records having been burnt by the Gauls 120 years after the expulsion of their kings in A.C. 388. The chronologies of Gaul, Spain, Germany, Scythia, Sweden, Britain, and Ireland, are of a still later date, and equally imperfect.

Sir Isaac Newton, after a general account of the obscurity and defects of the ancient chronology, proceeds by the concurring aids of scripture and reason to rectify the chronology of the Greeks, Egyptians, Assyrians, Babylonians, Medes, and Persians. He observes, that though many of the ancients computed by successions and generations, yet the Egyptians, Greeks, and Latins, reckoned the reigns of kings equal to generations of men, and three of them to 100, and sometimes to 120 years ; and this was the foundation of their technical chronology. He then proceeds from the ordinary course of nature, and a detail of historical facts, to show the difference between reigns and generations ; and that, though a generation, from father to son may, at an average, be reckoned about 33 years, or three of them equal to 100 years, yet when they are taken

by the eldest sons, three of them cannot be estimated at more than about 75 or 80 years ; and the reigns of kings are still shorter ; so that 18 or 20 years may be allowed as a just medium. Sir Isaac Newton then fixes on four remarkable periods, viz., the return of the Heraclidæ into the Peloponnesus,—the taking of Troy,—the Argonautic expedition,—and the return of Sesostris into Egypt, after his wars in Thrace ; and he settles the epoch of each by the true value of a generation. To instance only his estimate of that of the Argonautic expedition : having fixed the return of the Heraclidæ to about the 159th year after the death of Solomon, and the destruction of Troy to about the 76th year after that period, he observes, that Hercules, the Argonaut, was the father of Hyllus, the father of Clerdius, the father of Andromachus, the father of Aristodemus, who conducted the Heraclidæ into Peloponnesus ; so that, reckoning by the chiefs of their family, their return was four generations later than the Argonautic expedition, which, therefore, happened about 43 years after the death of Solomon, or A.C. 937. Blair, following the ancient chronology, makes this event to have taken place A.C. 1263, and Playfair A.C. 1225.

Notwithstanding the apparent correctness of his reasoning, the system of Newton, has been seldom followed by modern chronologers. And it has been justly remarked as surprising, that the manifest inconsistencies of the commonly received chronology with the course of nature, should not have prevented the establishment of a system which, in those turbulent unsettled times, supposes kings to have reigned from 35 to 40 years ; and which generally allows about 60 years to a generation. But the attachment to ancient usages has prevented the adoption of any other.

The systems of sacred chronology have been very various. The Hebrew text reckons about 4000 years from Adam to Christ, and to the flood 1656 years ; the Samaritan makes this interval longer, and reckons from Adam to the flood only 1307 years ; and the version of the Septuagint removes the creation of the world to 6000 years before Christ. The interval between the creation and flood, according to Eusebius and the Septuagint, is 2242 years ; according to Josephus and the Septuagint, 2256 ; and according to Julius Africanus, Epiphanius, Petavius, and the Septuagint, it is reckoned at 2262 years. Many attempts have been made to reconcile these differences, but none are perfectly satisfactory.

In the following work, in regard to ancient history, both sacred and profane, the popular and generally received chronology has been in most instances followed, as that which will be best understood by the general readers of history. In the chronology of more modern events a difficulty has frequently arisen from the discrepancy of dates in the different authorities. This is partly owing to the variety of sources from which information has been obtained, and partly to the errors which have crept into the works in passing through a number of editions.

In these cases the Author has endeavoured, by a collation of authorities, where it was practicable, to arrive at the truth, and trusts that, in most instances, he has succeeded. After all, however, it must be admitted, some of the events transpired under such peculiar circumstances, that in endeavouring to fix the dates, it is only possible to arrive at an approximation.

THE
NEW TABLET OF MEMORY,

OR

CHRONICLE OF REMARKABLE EVENTS,

&c. &c.

AARON, the first high priest of the Jews, brother of Moses, and grandson of Levi. Born A.C. 1575, and died upon Mount Hor, 1452, aged 123. His offspring were called Aaronites.

AARON-BEN-ASER, a celebrated Jewish Rabbi, flourished in 475.

AARSENS, FRANCIS, a Dutch diplomatist of the seventeenth century. He was the first of the three extraordinary ambassadors sent to England in 1620, and the second of those who were deputed in 1641, to negotiate the marriage of Prince William, son of the Prince of Orange. He died at an advanced age, leaving on record memoirs of all the embassies in which he had been engaged.

AARSENS, PETER, a Dutch painter, born at Amsterdam, in 1519. He excelled in painting a kitchen with its furniture. His altar-pieces were particularly admired. He died in 1575.

ABAS, SCHAH, the Great, third son of Codabendi, and seventh sophi, or emperor of Persia: born in 1558. After a victorious reign of 43 years, during which time he consolidated the divided provinces of the Persian empire, and considerably enlarged its extent, he died in 1628.

ABBERVILLE, a town of France,

department of Somme, was nearly destroyed by an explosion of gunpowder, Nov. 1773: 100 houses were ruined, 150 souls perished; the damage was estimated at 472,917 livres.

ABBEYS, monasteries, or religious houses; they are nearly the same as priories. The abbeys of England were pillaged by William the Conqueror, 1069; compelled by the same monarch to alter their tenures 1070; one hundred were suppressed by order of council, 1414; dissolved by Henry VIII. 1540. The number suppressed in England and Wales were, 1643; in Germany 1785; and in France 1790.

ABBO, monk of St. Germain's, an historian, flourished 889.

ABBOT, CHARLES, Lord Tenterden, chief justice of the King's Bench, born Oct. 7, 1762, died Nov. 4, 1832.

ABBOTS OF READING, Glastonbury, St. John's, and Colchester, hanged and quartered for denying the king's supremacy, and refusing to surrender their Abbeys, 1539.

ABBOTSBURY ABBEY, Dorsetshire, founded in the reign of Canute, 1026; the town of, injured by fire, and 22 houses destroyed, 1784.

ABBOTSHALL FARM, Great Wig-

* Abbreviations used in this work: A.M. the year of the world. A.C. before Christ. A.H. the year of the Hegira or flight of Mahomet. A.U.C. from the building of Rome. When the date is inserted without any abbreviation Anno Domini, or the year of our Lord, is always to be understood.

borough, the property of Mr. Cline, surgeon, the whole of the farm, standing on nearly two acres of ground, destroyed by fire, April 12, 1817.

ABDALLA, son of Abdalmothleb, and father of the prophet Mahomet, lived 575.

ABDALLAH, Caliph of Bagdad, son of Haroun-al-Raschid, patron of learning, died 833.

ABDICATION OF SOVEREIGNTY, first instance of, by the Roman emperor Dioclesian, 303.

ABDOLLATIPH, an Arabian physician and writer, born at Bagdad, 1161. He visited Damascus and Egypt about 1207; he died 1231. Only one of his numerous treatises has survived the ravages of time. It is in the Bodleian Library, Oxford, and is entitled "Historiæ Ægypti Compendium."

ABEL, murdered by Cain, about A. C. 3875.

ABELARD, PETER, an eminent scholastic philosopher of France, and the lover of Heloise, born at Palais, in Bretagne, 1079. He died in 1142, aged 63. Heloise survived her husband 21 years.

ABERCONWAY CASTLE, Caernarvonshire, built by Edward I., 1204.

ABERCONWAY, suspension bridge of, constructed 1824.

ABERCROMBIE, SIR RALPH, a British general, born 1738. After serving his country more than forty years, he was mortally wounded in an action in Egypt, and died at the moment of victory, March, 1801.

ABERGAVENNY, East Indiaman, lost off Weymouth, Feb. 1, 1805.

ABERNETHY, JOHN, a celebrated surgeon of London, born of Scotch parents, 1765. In his early career he exhibited many of those eccentricities for which he was afterwards remarkable. His bold and successful operations of tying the external iliac artery for aneurism, established his fame. The following anecdote is illustrative of his benevolence: "In the year 1818, Lieutenant D——, fell from his horse in a street in London, and fractured his skull and arm. Abernethy was sent for, and attended daily for some months, until the young man being at length convalescent, was ordered by him to go to Margate, and adopt shell-fish diet. Previously to his departure, the grateful patient enquired the amount of his pecuniary obligation. Abernethy smiled, and said,

'Who is that young woman?'—"She is my wife." 'And pray what is your rank in the army?' "I am a half-pay lieutenant."—"Oh! very well, wait till you are a general, then come and see me, and we'll talk about it." He was the author of several works on Surgery, which are comprised in 6 vols. 8vo. He died April 20, 1831, aged 66.

ABERRATION OF THE FIXED STARS, discovered by Dr. Bradley, of Sherborne, Dorset, 1727.

ABERRATION OF LIGHT, the deviation or dispersion of the rays of light, when reflected by a speculum, or refracted by a lens, which prevents them from uniting in the same point, called the geometrical focus; thus producing a confusion of images. The defect in the object glass of a common refracting telescope, produced by this aberration, is remedied by Mr. Dolland's celebrated invention of the achromatic glasses, effected about 1758. See ACHROMATIC GLASSES.

ABERYSTWYTH, S. Wales, castle of, burnt 1124, re-edified by Edward I. 1283.

ABGILLUS, JOHN, surnamed Prester John, son of a king of the Friscü; from the austerity of his life, he obtained the name of Prester, or Priest, and attended Charlemagne in his expedition to the Holy Land, about 800.

ABIB, the first month of the Jewish ecclesiastical year, afterwards called Nisan, answers to part of March and April.

ABINGDON, Berkshire, founded 517, abbey of, built in, 941.

ABINGDON, EARL OF, a peer, committed to the King's Bench Prison, for publishing a libel upon Mr. Sermon, an attorney, Feb. 9, 1795.

ABJURATION, OATH OF, first required, 1701.

ABO, Finland, university of, founded by Queen Christina, 1640.

ABOLITION of hereditary peerage, and the law of entails in France, 1834.

ABOLITION of monastic establishments in Portugal, May 28, 1834; in Madrid, 1836.

ABOLITION of slavery. See SLAVERY.

ABORIGINES, a people of Latium, who founded the most ancient kingdom of Italy, A. C. 1330; from their great antiquity the word has been applied generally to the first inhabitants of other countries.

ABORIGINES PROTECTION SOCIETY, a society formed in England, in 1837, for the protection of the native population all over the globe; but chiefly among the British colonies. At the second anniversary of this society, held at Exeter Hall, May 21, 1839, the design of the society was fully explained by the resolutions passed, among which was the following. "That in order to protect aboriginal tribes from degradation, they should obtain for them a participation in equal rights, that such laws as bear injuriously on them should be amended, and the administration of government as to their affairs should be improved both at home and in the colonies."

ABOUKIR, in Egypt, surrendered to the English forces, March 18, 1801.

ABOUKIR BAY, battle of, 1st August, 1798. See **NELSON**.

ABRAHAM, born A. C. 1996; leaves Ur of the Chaldees, and dwells in Haran, 1926; his call and journey into Canaan, which begins the 430 years of sojourn, 1921; goes into Egypt, 1920, defeats the Elamites, 1912; receives the right of circumcision, and entertains three angels, 1897; offers up Isaac, 1871, and dies 1821, aged 175 years.

ABRAHAMITES, a sect who renewed the error of the Paulicians; arose under Abraham of Antioch, 790, and were suppressed by Cyriacus, patriarch of Antioch.

ABSLOM, rebelled against his father David; was defeated and killed by Joab, A. C. 1023.

ABSTINENCE, (pretended), of Ann Moor, of Tutbury, Staffordshire, living sixteen days without food, Nov. 1808; imposture discovered, May 4, 1813; imprisoned as such, Feb. 1816.

ABSTINENTS, a religious sect, resembling Gnostics, abstaining from marriage and wine, begun 170, and flourished till the third century.

ABU-BEKR, the father-in-law, and immediate successor of Mahomet, elected caliph in 632, and died 634, aged 63, reigning only two years and three months.

ABULFEDA, the geographer, born 1273. He was Prince of Hamah, a city of Syria, the sixth in lineal descent from Ayub, or Job, the father of the famous Saladin. Abulfeda is said to have discovered the true longitude of the Caspian Sea, concerning which Ptolemy was mistaken. He was the author of several works on geography. He died 1332.

ABYSSINIA, an empire of Africa, situated in the torrid zone, comprehended between 6° and 20° N. lat. and 26° and 44° E. long. The most authentic ancient history of this country, is the Chronicle of Axum. See **AXUM**.

About 303, Christianity was introduced by Frumentius. In 533, the emperor Justinian sent an embassy into this country to persuade its sovereign to employ his forces, then in Arabia, against the Persian monarch. In 1468, John II., king of Portugal, sent two ambassadors to explore the sources of the Indian trade, and to discover a passage to the East Indies, round Africa. One died on his journey, the other was promoted to posts of honour, but never allowed to return.

1589. Peter Paez, a Spaniard, was the first European who visited what the Abyssinians deem the sources of the Nile. He died 1662. In 1624, Alphonso Mendez was sent as patriarch into Abyssinia. In 1750, three Franciscans penetrated as far as Gondar: an account of their travels is given in the Appendix to Mr. Salt's voyage to Abyssinia. In 1769, Mr. Bruce went to Abyssinia to discover the source of the Nile. His travels were published 1790. See **BRUCE**. In 1805, Mr. Salt took his first journey. In 1830, Samuel Gobat visited this country, and resided there three years. Dr. Ruppel, who recently undertook journeys to this country returned 1838.

ACADEMY. The term derived its origin from Cadmea, or Thebes, built by Cadmus, king of Phœnicia, about A. C. 1490; others say, from Academus, the person in whose groves Plato taught at Athens: which school of Plato was called the old academy; the new one was founded by Arcessilas, and ably maintained by Carneades.

There are comparatively but few academies in this country; and those which are chiefly celebrated are called societies. The principal in England is the Royal Academy of Arts, in London; it was instituted for the encouragement of painting, sculpture, &c. 1768. See **ROYAL ACADEMY**.

The American Academy of Sciences, was established in 1780, by the council of the House of Representatives, in the province of Massachusetts's Bay, for promoting the knowledge of the antiquities and natural history of the country; and for cultivating every art and science which may tend to advance the interest

of an independent and virtuous people. The members of this academy are never more than 200, nor less than 40. See further, AMERICAN COLLEGES.

ACADEMIES ON THE CONTINENT, &c. The following is an alphabetical list, with the date of incorporation:—

Berlin, 1700; a literary society incorporated with it, 1769.

—— Prussians, sons of nobility, 1769.

—— architecture, 1799.

Bologne, for physics and mathematics, 1690.

—— arts and sciences, 1714.

Brescia, 1626.

Brest, military, 1682.

Caen, belles lettres, 1705

Copenhagen, polite arts, 1753.

Cortona, Etruscan, 1726.

Cremona, 1560; renewed, 1607, under the title of Disuniti.

Dromingholm, polite arts, 1753.

Erfurt, sciences, 1755.

Florence, belles lettres, 1272.

—— Dela Crusca, 1582.

Geneva, medical, 1715.

Genoa, for painting, sculpture, &c. 1751.

Germany, natural history, 1652.

—— military, 1752.

—— medical, 1617.

Haerlem, sciences, 1760.

Ionian, instituted at Corfu, 1809.

—— of arts, (royal), 1708.

—— of music, (royal), 1807.

Lisbon, royal historical, 1722.

Lyons, sciences, belles lettres, 1700.

—— royal, of physic, mathematics, and arts, united in 1758.

Madrid, painting, sculpture, and architecture, 1753.

Mantua, Viliganti, for sciences, 1704.

Marseilles, belles lettres, history, and criticism, 1726.

Milan, sciences, 1719.

Naples, arts and sciences, 1540.

Nismes, (royal), 1682.

Padua, Recovrati, for poetry, 1610.

Palermo, medical, 1645.

Paris, Sorbonne, for divinity, 1256.

—— painting, 1391.

—— music, 1543.

—— eloquence and poetry, 1635.

—— (royal), of inscriptions and belles lettres, 1663.

—— painting and sculpture, 1664

—— architecture, 1671.

—— (royal), of surgery, 1731.

—— agriculture, 1761.

Paris, royal military, 1751.

—— natural philosophy, 1796.

Parma, Innominati, 1550.

—— Cremona, 1560, renewed as Disuniti, 1609.

—— Perousa, of the Insensati, 1561.

—— of Filirgiti, or the lovers of industry, 1574.

—— improved, 1652.

Petersburgh, sciences, 1724.

—— military, 1732.

—— school of arts, 1764.

—— friends of Russian literature, 1811.

Prussian academies reformed, 1750.

Rome, Umoristi, for poetry, 1611.

—— Fantiscici, 1625.

—— Infecondi, 1653.

—— painting, 1665

—— English, 1752.

Spain, royal military, 1751.

Stockholm, (royal), of sciences, 1739.

—— belles lettres, 1758.

—— agriculture, 1781.

Turkey, military, 1775.

Toulon, military, 1682.

Upsal, sciences, 1720.

Venice, medical, 1701.

Verona, at first music, 1543.

Vienna, orientalis, 1810.

Warsaw, languages, history, and chronology, 1753.

ACCOLADE, a ceremony used before the Conquest, given in conferring knighthood; it was a blow on the neck with the fist, now converted into laying the sword upon the shoulders. See KNIGHTHOOD.

ACHÆAN LEAGUE, a Grecian confederacy, so called from Achæus, king of Thessaly. Begun A.C. 284, and continued upwards of 130 years. Its arms were directed against the Ætolians for three years, with the assistance of Philip of Macedon. It grew powerful by the accession of neighbouring states. The confederacy freed their country from foreign slavery. It was attacked by the Romans and totally destroyed, A. C. 147.

ACHAIA, formerly applied to the whole of Greece; peopled by Achæus, A. C. 1080. See GREECE.

ACHILLES, the son of Peleus and Thetis, one of the most celebrated heroes of Greece, born at Phythia, in Thessaly. At the siege of Troy he distinguished himself; but being disgusted with Agamemnon, he retired from the camp. Achilles is supposed to have died about A.C. 1184.

ACHMET, the name of several Turkish sultans.

ACHMET III. the most remarkable, was the son of Mahomet IV. He came to the throne, 1703, and recovered the Morea from the Venetians. In 1716, his army was defeated by Prince Eugene, at the battle of Peterwaradin: he was dethroned 1730, and died 1736, aged 74.

ACHROMATIC GLASSES, a particular kind of object glass for telescopes, designed to correct aberration. In 1729, Mr. Hall, of Chesterhall, Worcestershire, discovered the proper composition of flint and crown glass; in 1733, he had a telescope made under his own observation in London, which was found to answer the purpose, but no notice was taken of it at the time. After many experiments, Mr. Dolland succeeded in completing the discovery in 1758. The Royal Society voted him the Copley Medal. He took a patent, and died in 1761. His son improved it in 1765.

ACOUSTICS. The doctrine of the different sounds of vibrating strings of different length, and the communication of sounds to the ear by the vibration of the atmosphere were probably first explained by Pythagoras, about A.C. 500. The same mentioned by Aristotle, about A.C. 300.

The conjecture of Aristotle was first explained, or rather, perhaps, the theory of sound re-discovered by Galileo, A.D. 1600. The velocity of sound was first investigated by Newton, before 1700, and the theory perfected by Euler and La Grange; theory and practice were reconciled by La Place and Bast. Galileo's theory of the harmonic curve, was demonstrated by Dr. Brooke Taylor, 1714. The same was farther perfected by D'Alembert, Euler, Bernoulli, and La Grange, at various periods of the 18th century.

The speaking trumpet was said to have been used by Alexander the Great, A.C. 335; in modern times it was reconstructed from Kircher's description, by Saland, 1654; philosophically explained and brought into notice by Moreland, 1671.

ACRE or ACRA, a sea-port town in Syria, formerly called Ptolemais, famous in the time of the crusades: taken from the Saracens by Richard I., of England, and Philip of France, 1191: afterwards given to the knights of Jerusalem, who called it St. John d'Acre, and kept pos-

session of it 100 years. In 1750, Dahary an Arabian scheik fortified it, and maintained his independence against the Ottoman power. Within the last forty years Djezzar Pacha erected works and made it a fortress. In 1799, it was defended by Sir Sydney Smith against all the efforts of Buonapate. After three desperate assaults, the French were beaten off and the siege was raised May 20.

ACROPOLIS, the citadel of Athens, was the original city founded by Cecrops; when he collected the people of Attica, after the deluge of Ogyges, and founded the city of Athens, A.C. 1556. It was $7\frac{1}{2}$ miles round. Some of its ruins still exist.

ACT OF UNIFORMITY, by which 2,000 ministers were ejected from the pale of the Established Church of England, 1662.

ACTS OF THE APOSTLES, written by St. Luke, 63 or 64.

ACTÆON, son of Autonoe and Aristæus, destroyed by his own hounds. A.C. 1342.

ADAM, first of the human race, created, A.C. 4004, died A.C. 3074, aged 930 years.

ADAM, ALEXANDER, of Moray, Scotland, a distinguished classical scholar born June 6, 1741, died Dec. 18, 1809.

ADAM, ROBERT, an eminent architect, born at Edinburgh, 1728, travelled for improvement, 1754; appointed architect to the king, 1762; the following year, presented to the public the fruit of his travels, in a splendid work. He died March 3, 1792, aged 64.

ADAMITES, a sect established by Prodicus, in 130, who taught that original sin being washed away by baptism, men ought to go naked, as a proof of innocence. This obscure and ridiculous sect, did not at first last long; but it was revived, with additional absurdities, in the twelfth century by one Tandamus, and in the fifteenth, by one Picard.

ADAMS, JOHN, late President of the United States of America, born in 1736. In 1770, he was returned as a representative for Boston. From the year 1770 till 1776, he was constantly engaged in all the measures which were adopted in defence of the colonies, against the efforts of the English Parliament. In 1774, when the colonies determined to hold congress at

Philadelphia, he was elected, as also in the second congress. In the memorable discussions of 1776, Adams and Dickenson took distinguished parts; the former for, the latter against, the declaration of independence. On the adoption of the constitution in 1789, Adams was elected first vice-president of the United States. On the death of Washington, he was elected his successor. In 1787, he published a defence of the Constitution and Government and the United States, in three vols. 8vo. He died July 4, 1826.

ADAMS, JOSEPH, an eminent physician, one of the founders of vaccination, born 1756, died June 20, 1818.

ADANSON, MICHAEL, a celebrated naturalist, born at Aix, in Provence, 1727. He was a pupil of the celebrated Reaumur: went to Senegal in 1738, where he spent six years in examining the natural productions of that country. In 1759, he was elected member of the Royal Academy at Paris, and about the same time admitted an honorary member of the Royal Society of London. He died 1806.

ADDISON, JOSEPH, born at Milston, near Ambrosbury, in Wiltshire, May 1, 1672. He made a tour in Italy, the latter end of 1699. In 1701, he wrote an epistolary poem to Montague, Lord Halifax. In 1705, published an account of travels, dedicated to Lord Somers. The Spectator chiefly conducted by him, commenced March 1st, 1711, closed Sept. 6, 1712. The Guardian entertained the town in the the years 1713 and 1714. In 1713, appeared his tragedy of Cato. In April, 1717, his majesty George I. appointed him one of his principal secretaries of state. He died at Holland House, near Kensington, June, 1719.

ADELAIDE, a new town in the colony of S. Australia, founded 1835. This town has increased so rapidly, that at the present time (1840) land is said to be of as much value as in many of the principal towns in England.

ADELAIDE GALLERY, an institution formed in London in 1834. The society connected with this gallery was incorporated in Oct. 1833, and called the Society for the Encouragement of Practical Science. The society is patronised by the queen, and is under the direction of a superintendent, a secretary, two lecturers, and a council of nine in-

fluent gentlemen. It receives for exhibition, models, specimens of new inventions, and works of general interest, relating to science or the fine arts, whether intended for sale or otherwise. It affords every facility for the illustration of discoveries in chemistry, or in natural and experimental philosophy, and for the exhibition of mechanical contrivances of general utility. The rooms open at ten daily, and remain open till six in the afternoon during the months of May, June, and July. During the months of November, December, and January, they close at four o'clock. During the intermediate months they close at half-past four, five, and half-past five according to the season. In the course of each day among others the following subjects are illustrated or objects shown:

Electrical and Magnetical Apparatus.

A series of interesting experiments to illustrate the electrical action obtained by friction, by means of the well known "electrical machine." The leading facts of volcanic electricity, or of that agent excited by chemical action, are explained by means of compound batteries on different principles of various constructions. The striking discoveries of the connection between electricity and magnetism made within the last twenty years, are illustrated by a variety of apparatus; the principal of which are a powerful magnet of tempered steel, for illustrating magneto-electrical phenomena. An electro-magnet, illustrating electro-magnetic induction, or magnetic power induced upon soft iron by electrical currents when in approximation. Magnet of steel, of seven plates. A thermo-electrical battery, consisting of 53 pairs of cylinders of bismuth and antimony, the ends being so connected that the 112 *elements* form a continued chain, the links of which are alternately of the two metals.

Oxy-hydrogen Microscope, with a lecture delivered daily. It has three sets of glasses, increasing progressively from a magnifying power of about 400 times in linear dimensions. The objects consist of cuttings from the stems of plants, leaves, flowers, &c., &c., from the vegetable creation; by means of which the characteristics of the leading divisions of that kingdom may be easily distinguished: larvæ and perfect insects alive; those which are aquatic being shown swimming in their native element.

Mr. Jacob Perkin's Steam Gun. The tremendous power of steam, generated in confined space, is shown in a novel and striking point of view by this machine. Steam of an electric power of from 300 to 500lbs. on the square inch, being admitted into the chamber of a musket barrel, constructed for the purpose, propels balls either singly or in volleys, at the rate of from 5 to 500 per minute, against an iron target 100 feet distant, with a force far exceeding that of gunpowder.

ADELPHI BUILDINGS, Strand, London, erected, 1770.

ADELPHI LOTTERY, act passed 1773.

ADELUNG, John Christopher, a German philologist, born 1734, died 1806.

ADMETUS, king of Thessaly, flourished, A.C. 1344.

ADMIRAL, the first appointed in England, William de Leybourne, 1297.

ADMIRAL, LORD HIGH, first appointed in England, 1387; held by commission since Nov. 1709, except a short interval by the Duke of Clarence, late William IV.

ADMIRALTY, COURT OF, erected 1357, incorporated June 22, 1768.

ADO, the historian, archbishop of Vienna, flourished 867, died 874.

ADOLPHUS, OF NASSAU, made emperor of the West, 1291, deposed and slain, 1298.

ADOLPHUS, GUSTAVUS, king of Sweden. See GUSTAVUS.

ADRIAN, IV., born in Langley, Hertfordshire, England, afterwards pope of Rome, died 1159.

ADRIAN, OR HADRIAN, PUBLIUS ÆLIUS, 5th emperor of Rome, born A.D. 76, A.U.C. 829. He distinguished himself under Trajan in the second war against the Dacians. He was adopted by Trajan and declared emperor in 117. On attaining the imperial dignity he made peace with the Persians, remitted the debts of the Romans and people, which amounted to 22,500,000 golden crowns, and burnt all the bonds relating to those debts. There was scarcely a province in his empire, which Adrian did not visit. In 120, he went into Gaul, and from thence to Britain, in order to subdue the Caledonians, he was diverted from his purpose, but built the wall which still bears his name. It extended from Solway Frith, to the river Tyne. He visited all the provinces of Asia, and returned to Rome, 129. He

visited Egypt, 132, Syria, 133, Athens 134, returned to Rome, 135. He died, 138, aged 62, having reigned 21 years.

ADRIAN'S MOLE, at Rome, constructed, 120.

ADRIANOPE, city of Turkey in Europe, province of Romania, deriving its name from the emperor Adrian. It has a very fine bazaar, or market, half-a-mile long, a vast arched building, with six gates and 365 well furnished shops, kept by Turks, Armenians, and Jews. Adrianople was taken by Amurath, the Turkish sultan, 1360; the court removed from it to Constantinople, 1458. Injured by fire, 1754 and 1778. Occupied by the Russians, Aug. 10, 1830.

ADULTERY, punished by cutting off nose and ears, 1031: made capital, 1650.

ADVENT SUNDAY, first observed 433: the number determined, 1000.

ÆDILES, Roman magistrates, whose chief business was to superintend buildings of all kinds, but more especially those for public use; such as temples, aqueducts, bridges, &c. The plebian ædiles were only two in number, and were first created, A. U. C. 260.; but having refused, on a certain occasion, to treat the people with shows, pleading themselves unable to support the expense, the patricians made an offer to do it, provided they were admitted to the honours of the ædilate. On this occasion there were new ædiles created, of the number of the patricians, A. U. C. 388.

ÆGÆON, a pirate, from whom Ægea is so called, flourished A. M. 2110.

ÆLIAN, a Greek writer, born at Præneste, in Italy; flourished, 221. He taught rhetoric at Rome, according to Perizonius, under the emperor Alexander Severus. His most celebrated works are his Various History, and his History of Animals.

ÆMILIUS, PAULUS, a Roman consul, who subdued Perseus, king of Macedonia, and reduced that country to a Roman Province, whence he obtained the surname of Macedonius. He died A.C. 168.

ÆMILIUS, PAULUS, a celebrated historian of the 16th century, was born at Verona. He wrote the history of the "Kings of France," in Latin, which has been greatly admired; died at Paris 1529.

ÆPINUS, FRANCIS ULRICH THEODORE, an eminent mathematician and natural philosopher, author of a peculiar theory of electricity. Born at Rostock

in Lower Saxony, 1724. His work was published at Petersburg in 1759.

AEROLITES, OR METEORIC STONES, certain stony or metallic substances which descend to the earth accompanied by the appearance and explosion of a fiery meteor. A large stone of this kind fell near Egospotamos, in Thrace, 2nd year of the 78th Olympiad or about A.C. 467.

An extraordinary shower of stones, fell near L'Aigle in Normandy, on the 26th of April, 1803. There were three or four reports like those of cannon. This noise proceeded from a small cloud, about half a league to the N.N.W. of the town of L'Aigle. The largest stone that fell weighed 17½lbs. Another remarkable aerolite fell at Nobleborough, Maine, America, Aug. 7, 1823. It fell with a similar noise and penetrated the earth about six inches, where meeting another stone it was broken into fragments. The whole mass probably weighed between four and six pounds.

AEROSTATIC ASCENT, an ascent in a balloon. The first was made in France by M. Charles, a physician, and a distinguished member of the French Institute, Dec. 1, 1783. The first made in England, Sep. 15, 1784; Scotland, Oct. 5, 1785; voyage from Dover to Calais by Blanchard and Dr. Jeffries, 1785. Ascent made by Blanchard, accompanied by sixteen persons, 1798; by Ganerin, who was the first to descend in a parachute, from a height of 4,154 feet, Sep. 21, 1802. Madame Blanchard, at night, from the Tivoli Gardens, in Paris, June, 1819, when the balloon catching fire from some fireworks which she carried with her, caused her to fall from a great height, and dashed her in pieces.—Voyage performed Nov. 7, 1836, by Messrs. Green, Monk, Mason and Holland, in the largest balloon ever constructed. They ascended from London at half past one P.M. and descended at Weilburgh, near Coblenz, a distance of about 480 English miles, at half-past seven on the morning of the succeeding day. See **BALLOON**.

ÆSCHINES, an Athenian orator, born, A.C. 393, died 323.

ÆCHYLUS, a Greek tragic poet, born, A.C. 523, died, 454.

ÆSOP, the fabulist and Euclid of moral science, for ridiculing the ignorance and superstition of the priesthood, was put to death about A.C. 500.

ÆSOPUS, the Roman actor, and contemporary of Roscius, flourished A.C. 670.

AFFIRMATION of Quakers, admitted in lieu of an oath, particularly, 1702; alteration made therein, Dec. 13 1721; received "in any case whatever," 1829; sufficient for members of parliament, Feb. 14, 1833

AFGHANISTAN, country Central Asia, founded about 1750, after the death of Nadir schah, the Persian king. It comprises the kingdoms of **CABOOL** and **CANDAHAR**.

AFRICA, one of the principal divisions of the earth. Partially known to the ancients. The Phœnicians sailed round it, A.C. 604. Hanno the Carthaginian, about 30 or 40 years after, sailed to the western coast with 60 ships.

A.D. 426. Bonifacius, the Roman governor of Africa, revolted and called in the aid of the Vandals. In 647 the north of Africa was overrun by the Saracens: 1484. The Portuguese penetrated 1500 miles beyond the equator: 1486, Bartholomew de Diaz, discovered the Cape of Good Hope.

1788. The African Association employed various individuals to enter Africa at different points and pursue such routes as have been thought most likely to lead to important discoveries. See **AFRICAN ASSOCIATION**.

1795. Mr. Park discovered the existence of the Niger, with a course E. and W. confirming what Herodotus had stated. He also discovered great and populous cities, in the heart of Africa, and returned 1797. In 1805, Park took another voyage and was killed by the natives 1806.

1821. Major Denham, Capt. Clapperton and Dr. Oudney, endeavoured to penetrate from Tripoli southward into the interior. Feb. 4, 1823, they reached Loeri the frontier of Bornou. Clapperton and Denham returned to Tripoli 1825. Clapperton undertook a second journey 1826, with the intention of further exploring Africa; he was murdered at Sackatoo, 1828.

1830. Richard and John Lander, by order of government, undertook an expedition to determine the course and termination of the Niger, from Yaoori to the sea. They sailed Jan. 9, 1831, and succeeded in navigating the river to its influx, into the Bight of Benin. In 1833, Lander conducted another expedition on

the Niger, under the patronage of a company of merchants at Liverpool: its object was to establish a trade in that part of the world. He arrived at Fernando Po, May 1, and died of a wound, Jan. 13, 1834.

1835. The same enterprising merchants sent out an expedition under the command of Becroft, who departed for Fernando Po, Sept. 16. This year also, Davidson embarked for Gibraltar, on his way to Morocco, from which country he hoped to reach Timbuctoo, but was detained by the emperor of Morocco. In March 1836, he was permitted to travel. The 7th of the same month he arrived at Agadeer, or Santa Cruz, and reached Wadnoon, April 22. In Dec. 1836, he fell a victim to the treachery of an Arab chief.

AFRICAN ASSOCIATION, a society formed 1788, to promote the discovery of the interior of Africa. This society formed a new era in the annals of African discovery; it consisted of men eminent for rank and wealth; and still more distinguished by their zeal in the cause of science and humanity. Ledyard and Lucas were appointed for accomplishing the objects of this society: the former undertook the task of traversing from east to west in the latitude attributed to the Niger. He arrived at Cairo, Aug. 1788; but death disappointed his hopes. Lucas embarked for Tripoli, Oct. 1788, to proceed over the desert of Zaara, to Fezzan, to collect and transmit, by way of Tripoli, whatever intelligence he could obtain respecting the interior of the continent, and to return by way of Gambia, or the coast of Guinea. The peregrinations of this traveller terminated at Mesurata, Feb. 1, 1789.

This society was merged into the Royal Geographical Society, in 1831, by which the same important objects have been carried on, not in Africa merely, but throughout the world. See GEOGRAPHICAL SOCIETY.

AFRICAN INSTITUTION. This society has often been confounded with the former; but their original objects were different. The African Institution was formed in 1807, by friends of the abolition of the slave trade, for promoting the civilization of Africa. It may be considered as a continuation of the Abolition Society. See SLAVERY.

AFRICAN COMPANY, incorporated by Charles II., 1662; government owed

them £11,686,800., and their divided capital amounted to £10,780,000, both which continued till 1776. This company was abolished by statute 1 & 2 Geo. IV. c. 28.

AFRICANUS, JULIUS, a Christian chronicler of the third century. Died about 232.

AFRICANUS, SCIPIO. See SCIPIO.

AGAMEMNON, generalissimo of the Greeks, at the siege of Troy. Slain A.C. 904.

AGAREL, ARTHUR, an English antiquarian, friend of Sir R. Cotton; born 1540; died 1615.

AGATHA, ST., monastery of, near Richmond, Yorkshire, built 1131.

AGATHARCHUS, pupil of Æschylus, inventor of theatrical perspective. Died A.C. 480.

AGATHARCIDES, CIUDIUS, the historian and biographer, flourished A.C. 174.

AGATHIAS, a Greek historian of the 6th century, under Justinian. Born at Myrina, a colony of the ancient Æolians, in Asia Minor; came into notice about 565. His history, which begins with the 26th year of Justinian's reign, where Procopius ends, was printed in Greek and Latin, at Leyden, in 1594; and at Paris 1660.

AGE, AUGUSTINE, commenced Feb. 14, A.C. 27. Middle age in history, is from about the fourth to the fifteenth century.

AGES OF THE WORLD. The first is reckoned from Adam to Noah; the second from Noah to Abraham; the third from Abraham to Moses; the fourth from Moses to Solomon; the fifth from Solomon to Cyrus; the sixth from Cyrus to Christ.

AGINCOURT, a village of the French Netherlands, celebrated on account of the victory obtained by Henry V. of England, over the French, Oct. 24, 1415. The army of Henry, after landing in France, was reduced to 10,000 men; the French army amounted to 100,000. No battle was ever more fatal to the French, by the number of princes or nobility slain or taken prisoners. Among the former were the constable of France, the count of Nevers, and the duke of Brabant, brothers to the duke of Burgundy; the count of Vaudemont, brother to the duke of Lorraine; the duke of Alençon, the duke of Barre, and the count of Marle. The most eminent prisoners were the

dukes of Orleans and Bourbon, the counts d'Eu, Vendome, and Richemont, and the Mareschal of Boucicaut. The killed are computed to have amounted to 10,000.

AGLIONBY, JOHN, chaplain to James I., one of the translators of the Testament. Died 1610.

AGNES, St., martyred 308, aged 13.

AGNESE SIGNORA, professor of mathematics and natural philosophy in the university of Bologna, born 1718, died 1799.

AGNUS DEI, or, "O Lamb of God," &c, in the Litany; first appointed to be read in 687; first consecration of, 1566.

AGRA, fortress of, the key of Hindostan, surrendered to the English Oct. 17, 1803.

AGRARIAN LAW, relating to the distribution of lands, introduced at Rome by Spurius Cassius about, A.U.C. 268, or A.C. 486. Revived by Saturnius, 100.

AGRICOLA, an illustrious Roman, born June 13th A.D. 38. He was made consul in the reign of Vespasian, 77. During the year of his consulship, he contracted his daughter to Tacitus, the historian, who has furnished the memoirs of his life. At the expiration of his office he was appointed governor of Britain, whither he repaired, to compose the tumults of that distracted province. He marched to the north, where he made new conquests, and ordered forts to be built for the Romans to winter in. He subdued the nations betwixt the Tweed and the Friths of Edinburgh and Clyde, and built fortresses to shut up the nations yet unconquered. A few years after, the Britons raised an army of 30,000 men, and a battle ensued, in which the Romans gained the victory, and 10,000 of the Britons are said to have been killed. This happened in the reign of the Emperor Domitian; who, growing jealous of the glory of Agricola, recalled him in 84. He built the rampart between England and Scotland, with the chain of forts from the Clyde to the Forth. He died in 93, aged 56.

AGRICULTURE. This is indisputably the most ancient of all the arts. Its history is coeval with the history of man.

A. C. 2247. After the dispersion of mankind, this art was cultivated chiefly in the East, and especially by the Chaldeans. It flourished in Phœnicia, for the patriarch Isaac took shelter in that

country to avoid the effects of a dreadful famine which afflicted the neighbouring nations. — A. C. 1450, The Israelites, shortly after their settlement in Palestine, began to cultivate the soil. Both India and Persia are famed for the respect they paid to agriculture. In the former country, Bacchus was worshipped as the first who planted a vineyard; and in the latter, husbandmen received the highest honours.—A. C. 500. Mago, a celebrated Carthaginian general, wrote 28 books on agriculture, which, in consequence of a decree of the Roman senate, were translated into Latin.—A. C. 850. Herod, who flourished about this time, wrote a poem on the subject, entitled, "Works and Days." The Romans esteemed agriculture as an art highly honourable, and necessary to the public welfare.—A. C. 30. About this time Varro wrote a regular and learned treatise on the subject; and Virgil, who was his contemporary, has, in his "Georgics," laid down the rules and precepts, as delivered by preceding writers.

A. D. 40. About this date Columella wrote his twelve books on husbandry, which are highly commended for the great variety of valuable and important instructions they contain. The Romans had no sooner established themselves in Britain, than agriculture began to flourish there. The Emperor Julian erected new granaries purposely for the corn brought from Britain, and built a fleet of 800 ships, larger than the common barks, which he sent to Britain to bring corn from thence.—278. About this time the Emperor Probus gave leave to the Romans to plant vines and to make wine in Britain. Hemp and flax were likewise among the vegetable productions of this country at an early period; and it is supposed, not without reason, that they were introduced by the Belgic Gauls with their agriculture.—700. According to a law made by Inas, King of the West Saxons, who flourished about this time, a farm consisting of ten hides of land was to pay a rent of "ten sacks of honey, three hundred loaves of bread, twelve casks of strong ale, thirty casks of small ale, two oxen, ten wethers, ten geese, twenty hens, ten cheeses, one cask of butter, five salmon, twenty pounds forage, and one hundred eels."

1066. The arrival of the Normans, who brought with them many thousands of husbandmen from France, Flanders, and

Normandy, proved highly beneficial to agriculture.—During the former part of the fifteenth century, the barons, and other great men, adopted the resolution of enclosing and converting them into pasture ground. This practice became very general in England about the middle of the fifteenth century. In 1534 was published the earliest English work expressly on agriculture, entitled, “The Book of Husbandry,” by Sir Anthony Fitzherbert, who was likewise judge in common pleas.

The husbandmen of the sixteenth century are partly indebted to Thomas Tusser, who was a pleasant poet as well as a good farmer, for their skill in cultivating many kinds of vegetables. In 1557, Tusser’s book, entitled, “Five Hundred Pointes of good Husbandrie,” was first printed.—1600. Considerable efforts were made in France about this time to revive the study and practice of husbandry. The spirit of improvement in the rural arts prevailed also to a considerable degree in Flanders; but it was chiefly limited to practical husbandry. At this period, and even earlier, several good agriculturists flourished in England. Among these may be mentioned, Gabriel Plattes, who, from the time of Elizabeth to that of Cromwell, continued to render essential services to the art, both practically and by his writings. In 1700, flourished John Evelyn, author of “*Sylva; or a Discourse on Forest Trees.*” He succeeded in reviving among his countrymen a taste for promoting the study of agriculture. He died 1706. In 1733, was published the work of Jethro Tull, entitled, “*An Essay on Horse Hoeing Husbandry.*” He was the inventor of the drill plough, the use of which he explains in his work. Tull is justly celebrated as the first Englishman, perhaps the first writer, either ancient or modern, who attempted, with any tolerable degree of success, to reduce agriculture to certain and uniform principles. About this time a spirit of improvement in husbandry began visibly to manifest itself in Ireland. The transactions of the Dublin Society for the encouragement of husbandry is a valuable work, and is occasionally resorted to by agriculturists of every country in Europe for information. The modern discoveries in chemistry about the middle of the eighteenth century, have enriched agriculture with some of its most important improvements.

1790. Sir John Sinclair began his plan

for agricultural improvement, and was the means of establishing the board of Agriculture. On the 15th of May, 1793, Sir John brought the subject before the House of Commons, and a charter passed the great seal for incorporating the members of administration, the archbishops of Canterbury and York for the time being, with other noblemen and gentlemen, into a society, under the name of, The board, or Society for the Encouragement and Internal Improvement of Agriculture. The regular sittings commenced on the 23rd of January. An extensive correspondence was in a short time established, and communications of a highly valuable nature have been made to the board from every quarter. In 1803, Sir H. Davy’s Discourses were published. They form the only complete work we possess on agricultural chemistry. Several local societies have since been formed, and exhibitions of prize cattle made; that on the largest scale is a new and extensive one recently established, entitled, “The English Agricultural Society:” President, Earl Spencer.—July 17, 1839, the first meeting was held at Oxford. It was attended by the president, and a great number of noblemen. The show of cattle was probably the largest ever known; and several prize essays were read, calculated to advance the interests and improve the knowledge of this art.

AGRIGENTUM, a city of Sicily, founded about A. C. 500. The tyrant, Phalaris, first reduced it to slavery. At length it sunk under the power of the Carthaginians, about A. C. 400. It was one of the most opulent cities of Sicily, containing 200,000 inhabitants. Among its curiosities was the famous bull of Phalaris, which was sent to Carthage. Agrigentum lay fifty years buried under its own ruins, when Timoleon collected the descendants of the Agrigentines, and sent them to re-establish the dwellings of their forefathers. The city arose from its ashes with such a renewal of vigour, as to arrogate to itself supremacy over all the Sicilian republics. During the Punic war it was the head quarters of the Carthaginians, and was besieged by the Roman consuls, who took it by storm, A. C. 262. Part of the site is now occupied by a town called Girgenti.

AGRIPPA, CORNELIUS, a reputed magician, born at Cologne, 1486; died at Grenoble, 1535.

AGRIPPA, HEROD, I, King of Judea, born A. C. 3; died A. D. 44.

AGRIPPA, HEROD, II, before whom St. Paul pleaded. Died A. D. 100.

AGUESSEAU, HENRY FRANCIS D' chancellor of France, born at Limoges, 1668; died 1751.

AHAB, in Scripture, the son and successor of Omri, began his reign over Israel, A. M. 3086, and reigned 22 years. About A. M. 3103, Benhadad, King of Syria, besieged Samaria with a powerful army but he and his army were entirely routed, and left a prodigious booty. Ahab was slain at Ramoth Gilead, A. M. 3117.

AHASUERUS or **ASTYAGES**, the Mede, was the son of the brave Cyaxares, who assisted Nebuchadnezzar to overturn the Assyrian empire, and ruin the city of Nineveh. He died A. M. 3444.

AHASUERUS, the husband of Esther. Scaliger, Gill, and others, suppose him to be Xerxes, the fourth king of Persia after Cyrus. The authors of Universal History, Prideaux and others, consider him to be Artaxerxes Longimanus, the son of Xerxes, who greatly favoured the Jews; but the generality of writers agree with Usher, Calmet, &c., that this Ahasuerus was Darius Hystaspes. He ascended the throne A. M. 3483. In the second year of his reign, the Jews, encouraged by the prophets Haggai and Zachariah, resumed the rebuilding of their temple. About A. M. 3495 he invaded India, and obliged the inhabitants to pay him nearly 365 talents of silver. A little before his death the Egyptians revolted from his yoke. He died A. M. 3519, after a reign of 36 years, and was succeeded by his son, Xerxes.

AHAZ, king of Judah, ascended the throne A. M. 3265; died 3278. A. C. 726.

AIKIN, JOHN, M. D., author of the Biographical Dictionary, born January, 1747; died December 4, 1822.

AINSWORTH, HENRY, a nonconformist and learned biblical writer, flourished 1590. Poisoned from envy, by a Jew, 1629.

AINSWORTH, ROBERT, a learned grammarian, born at Woodgate, near Manchester, 1660. We are indebted to him for the best Latin and English Dictionary extant. It was published in 1736. In 1752 the fourth edition was enlarged to two volumes folio. The best of Dr. Morrell's editions is dated 1783. He died 1743, aged 83.

AIR BALLOONS. See **BALLOONS**.

AIR GUNS, invented by Ctesibius, of Alexandria, A. C. 120; revived by Guter, of Nuremburg, A. D. 1656; improved by Perkins, 1830.

AIR-PUMPS, invented by Otto de Guericke, burgomaster of Magdeburg, 1654. Also attributed to Boyle.

AIRE, in France, taken, with its magazines, by general Sir Rowland Hill, March 2, 1814.

AITON, WILLIAM, botanist, author of Hortus Kewensis, born 1731; died 1793.

AIX LA CHAPELLE, on Lower Rhine, founded 795; treaties of peace concluded May 2, 1668, Oct. 18, 1748. Congress at, Oct. Nov. 1818; taken by the French 1793, and Sep. 21, 1794.

AJACCIO, in Corsica, Napoleon born at, Aug. 15, 1769.

AJAX, son of Telamon, one of the Grecian chieftains at the siege of Troy, flourished A. C. 920.

AJAX, the son of Oileus, chief of the Locrians, a leader in the Trojan war, shipwrecked on his return, by Minerva, for having violated Cassandra, at her shrine; flourished about A. C. 920.

AKENSIDE, a celebrated poet, born at Newcastle upon Tyne, Nov. 9, 1721. After spending three years at the university of Edinburgh, he removed to Leyden, where he continued two years, and took, in 1744, the degree of doctor of physic. After his return to England, the same year, he published the Pleasures of Imagination. He died of a putrid fever, June 23, 1770, in the 49th year of his age.

ALAND, JOHN, Lord Fortescue of Ireland, a Baron of the Common Pleas, and proficient in Saxon literature, born 1670, died 1747.

ALARIC, a celebrated Gothic general, flourished in the 4th century. He invaded the finest provinces of the Roman empire, during the reign of Arcadius and Honorius. In 396 he marched into Greece, carrying terror and desolation wherever he went. Here he was opposed by the Roman General Stilicho, 397. He was proclaimed king of the Visigoths 398, and commenced the blockade of Rome 408. The last resource of the Romans was in the clemency of Alaric, who at length in 409, consented to raise the siege on the payment of an immense ransom. The following year he made himself master of the port of Ostia, after which the gates

of the city were soon thrown open. In 410 Alaric again appeared in arms under the walls of the capital. And by a conspiracy the Salarian gate was silently opened at midnight; thus A.U.C. 1163, Rome was delivered to the licentious fury of the tribes of Germany and Scythia. The Goths evacuated Rome on the sixth day, and were proceeding to the conquest of Africa, when the design was stopped by the premature death of Alaric, in 410.

ALBA, kingdom of, of which, the descendants of Æneas were kings, and which afterwards became the empire of Rome, lasted 400 years from the arrival of Æneas, to the building of Rome.

ALBAN ST. said to have been the first martyr in Britain, was beheaded at Holmhurst, now St. Albans. 283.

ALBANIA, a tract of territory, which extends 250 miles along the Mediterranean and the Gulf of Venice. It nearly coincides with the country known to the ancients, under the name of Epirus. During the time of the Greek empire, the name of Albania was first given to this district. About the year 1478, the people were reduced to a state of partial subjection to the Turkish empire, and were in succeeding reigns induced in great numbers, to enter the Turkish army. At the commencement of the present century, the notorious Ali Pasha, by degrees acquired the sole command of this extensive tract of territory, and in 1787, was made Pasha of Albania. See ALI. Since the independence of Greece in 1830, this kingdom has with the exception of a small district north of the Drin, been comprised in the new kingdom of Greece.

ALBANS, ABBEY, built in 793.

ALBERONI JULIUS, a cardinal born at Placentia, 1664. He rose from a low origin to the employment of first minister of state, at the court of Spain. The discovery of his plans caused England and France to unite in declaring war against Spain in 1719, and the condition of peace was the removal of Alberoni, and his banishment from the kingdom. He died in 1752, aged 86.

ALBERT DURER, a German painter of history, burn at Nuremberg, May 20, 1471, died April 6, 1528.

ALBERTUS, MAGNUS, a learned mathematician, and general scholar, born in Suabia about 1200, flourished 1237, died 1280.

ALBIGENSES, a sect of reformers who sprung up in the 12th century, Their errors were condemned by a council at Albigia in Languedoc 1176. They differ from the Waldenses, both as being prior to them in point of time, and as being charged with various heresies. Pope Innocent III, made a most ample declaration against them at Toulouse in 1253, and the catholics agreed upon a crusade against them, from which time they decreased till the time of the reformation, when such of them as were left became conformable to the doctrines of Zuinglius and the discipline of Geneva.

ALBINUS, CHRISTIAN BERNARD, professor of Anatomy, at Utrecht, died 1752.

ALBINUS, BERNHARD SIEGFRED, a celebrated physician and anatomist, was born at Frankfort on the Oder, 1697. In 1718 he was appointed professor of anatomy and surgery at Leyden. This office he continued to fill with great credit for 50 years. His anatomical plates, 3 vols. folio. 1744, 1749, 1753, prove him to have been an anatomist of the first rank. He died 1770, aged 73.

ALBION MILLS, Blackfriars, destroyed by fire March 2, 1792, the damage estimated at £25,000.

ALBION, NEW, discovered by Drake 1577, who was the second to attempt a voyage round the world, which he performed in three years.

ALBUMAZAR, an Arabian physician and astrologer, flourished A.D. 841.

ALBUQUERQUE, ALFONSO DE, the Portuguese Mars, viceroy of India, born at Lisbon 1452, died 1515.

ALCÆUS, the lyric poet, flourished A.C. 605.

ALCÆUS, the tragic poet, flourished A.C. 601.

ALCANTARA, bridge of, across the Tagus, Portugal, built 98.

ALCANTARA, order of knighthood, instituted 1160.

ALCIBIADES, the Athenian statesman and general, born A.C. 450. The defeat of the Athenian fleet by Lysander being attributed to him, he found it expedient to retire from Athens. While an exile in his house in Phrygia, he was assassinated at the instigation of Lysander, by order of Pharnabazus a satrap of the king of Persia, A.C. 404, aged 46.

ALCIDAMUS, the orator, flourished A.C. 615.

ALCORAN, See KORAN.

ALCUINUS, ALCUYN, or ALBINUS FLACCUS, a learned English monk, the friend of Charlemagne, scholar of Bede, and founder of the university of Paris, born at York, 732, died at Tours, 804.

ALDERMAN, among the Anglo-Saxons, was the second of the three orders or degrees of rank. Atheling was the first, alderman the second, and thane the lowest. Mr. Hume says that *comes*, in Latin, alderman in Saxon, and earl in Dano-Saxon were synonymous. In the most ancient times of the Anglo-Saxon government, the aldermen, or earls, were appointed by the king, but towards the conclusion of this period, these officers seem to have been elected by the freeholders of the shire, in the shiregemont or county-court. To enable them to support their dignity, they enjoyed certain lands, called the earl's lands. There were anciently however, several magistrates who bore the title of aldermen, as, the *aldermannus totius Angliæ*, or chief justice of England; the *aldermannus regis*, an occasional magistrate, answering to our justice of assize; and the *aldermannus comitatus*, a magistrate who held the middle rank between what was afterwards called the earl, and the sheriff: he sat at the trial of causes with the bishop; the latter proceeding according to ecclesiastical law, and the former declaring and expounding the common law of the land.

ALDERMAN, in the English Polity, was originally an associate with the mayor, or civil magistrate, of the city or town, for the better administration of the office. They sometimes took cognizance of civil and criminal matters, but that very rarely, and only in certain cases. Their number was not limited, usually varying from six to twenty-six. Out of these were elected the mayors, or chief magistrates of places. Under the new municipal act, Dec. 1835, great alterations were made. See MUNICIPAL CORPORATIONS.

ALDERMEN OF LONDON. These have not been subjected to the changes introduced by the Municipal Act. They were first appointed in London, in 1242, and consist of 26, who preside over the 26 wards of the city. When one of them dies or resigns, the wardmote chooses a successor, who is admitted, and sworn into office, by the lord mayor

and court of aldermen. All the aldermen are justices of the peace, by a charter of 15 Geo. II. The aldermen of London, are exempted from serving inferior offices; nor are they put upon assizes, or serve on juries, so long as they continue to be aldermen. 2 Cro. 585.

ALDERSGATE, London, built 1616, taken down and sold for £91, April 10, 1761.

ALDGATE, London, built 1608; taken down and sold for £177; April 10, 1760.

ALDROVANDINI, TOMASO, a painter of landscape and architecture, born at Bologna, 1653, died 1736.

ALDROVANDI, ANDROVANDAS, ULYSSES, a celebrated naturalist, born at Bologna, 1522, travelled to Rome 1550, when he became acquainted with Rondelezio. Having graduated in physic at Bologne in 1553, he was in the following year appointed to the chairs of philosophy and logic, and to the lectureship of botany. By his interest the botanical garden of Bologne was founded 1567. He died 1605, at the hospital in Bologne, aged 83. His *Hortus Siccus*, or collection of dried specimens of plants, was existing, Haller says, near a century after the collection was formed: it filled sixteen large folio volumes.

ALE, said to have been invented A.C. 1404. Its manufacture is of very high antiquity, Herodotus tells us that the Egyptians drank a liquor fermented from barley. It does not appear to have been extensively used, either in Italy or Greece. Ale or beer, was in common use in Germany, in the time of Tacitus. "All the nations," says Pliny, "who inhabit the west of Europe, have a liquor with which they intoxicate themselves, made of corn and water." In England it is mentioned in the laws of Ina king of Wessex. It was customary in the time of the Norman princes, to regulate the price of ale, and a statute to that effect was passed in 1272.

The use of hops seems to have been a German invention, they were not introduced into England, till the beginning of the 16th century. In 1530, Henry VIII. enjoined brewers not to put hops in their ale. Till 1823, there were only two sorts of beer allowed in England, viz. strong, and small beer. In 1823,

an act was passed (4 Geo. IV. c. 51) authorising the brewery of an intermediate beer. By the act 1 Will. IV. passed 1831, the commissioners of excise, or other persons duly authorised, were bound to grant licences, costing £2. 2s. a year, to all persons not excepted in the act, empowering them to sell, ale, beer, &c., to be drunk indifferently, either on or off the premises. But the act of 1834, 4 and 5 Will. IV. c. 85, made the obtaining of a licence to retail beer to be drunk on the premises, contingent on the applicant being able to produce a certificate of good character, subscribed by certain persons, rated at a certain amount of the poor, it has also raised the cost of such licence to £3. 3s.; and reduced the cost of a licence to sell beer not to be drunk on the premises to £1. 1s.

ALEMBERT, JOHN ROND D', an eminent French philosopher, born at Paris, 1717. In 1741, he was admitted a member of the Academy of Sciences; and, two years after, published his *Treatise on Dynamics*. In 1746, he published a discourse on the general Theory of the Winds, to which the prize medal was adjudged by the academy of Berlin. In 1749, he solved the problem of the precession of the equinoxes, determined its quantity, and explained the phenomenon of the mutation of the terrestrial axis, discovered by Dr. Bradley. In 1752, he published a treatise on the Resistance of Fluids, and began editing the French Encyclopædia. In 1772, he was chosen secretary to the French Academy; and formed, soon after, the design of writing the lives of all the deceased Academicians, from 1700 to 1772. In the space of three years he executed this design, by composing 70 eulogies. He died Oct. 29, 1783.

ALESSANDRIA, or ALESSANDRIA DE LA PAGLIA, a city of Italy, in the kingdom of Sardinia, the capital of a district named after it, on the Tanaro river, 46 miles E.S.E. of Turin. Built about 1168, and named after Pope Alexander III. The French made themselves masters of the town and citadel, but were dispossessed by Prince Eugene, in 1706. By the treaty of Utrecht, in 1713, Alessandria was assigned to the King of Sardinia, from whom it was taken by the French in 1745; but re-taken in the following year. After the battle of Marengo, 1800, it remained in the hands of the French till 1814, when it reverted

to the King of Sardinia with the rest of the Italian States.

ALEUTIAN ISLES, on the coast of North America, discovered by Behring 1741. A more accurate survey of these islands was made under the Russian government, by Captains Billing and Sarytchef, from 1781 to 1798.

ALEXANDER I., Emperor of all the Russians, eldest son of Paul I. born Dec. 22, 1777, and married, 1793, Elizabeth Alexowina, princess of Baden. His education was superintended by the Empress Catherine, and his tutor, the famous M. de la Harpe. He succeeded as emperor March 24, 1801, and was crowned at Moscow the following September. In June, 1802, the emperor had his first interview with the king of Prussia at Memel, and, the same year, gave, in a manner, a new constitution to his empire. In 1812, Napoleon set in motion an immense and well-appointed army, with the intention of conquering Russia; but the burning of Moscow and the firmness of the Russian emperor rendered a retreat necessary. In Feb. 1813, Alexander repaired to the army in Poland, where he published a famous manifesto, that served for a coalition of the European powers against the French, and the downfall of Napoleon. In the beginning of 1814, the war was carried on in France. It was principally owing to the efforts of Alexander that, after two months' constant fighting, one bold push was made to seize Paris, which the allies reached April 30, 1815. Alexander visited England, and employed the time of peace for the improvement of his people. That he was an ambitious man will be readily allowed, but truth must also declare that he mingled with the character of the despot a desire for the civilization of the people he governed. He died Dec. 3, 1825. at Taganrog, on the borders of Tartary, and Persia.

ALEXANDER THE GREAT, king of Macedonia and son of Philip, born at Pella, the capital of Macedonia, in the first year of the 196th Olympiad, A.C. 356. He was early placed under the care of the philosopher Aristotle. The ruling passion in Alexander, even from his tender years, was ambition, and an ardent desire of glory. A.C. 336, after the death of Philip he was created general of the combined forces, in the room of his father. A.C. 333. Alexander invaded

Asia, and the same year gained a complete victory over the army of Darius. In spite of the superior forces of the enemy, he proceeded to subdue the greater part of Asia Minor, and at length encountered Darius himself, near the city of Issus, with an army twenty times the number of the Greeks. Alexander was again victorious, and the fruits of his victory were the Persian camp, together with the wife and mother of Darius, whom he treated with the utmost humanity. A.C. 332, he took Tyre by storm, after a defence of seven months. From thence he marched to Jerusalem, resolved to show it no favour; but Jaddus, the high-priest, met him in his pontifical robes, accompanied by the other priests, and appeased his anger. Alexander next passed into Egypt, which submitted to him without the least opposition. Here, prompted by a preposterous vanity, he formed the design of visiting the temple of Jupiter Ammon, which was situated in the midst of the sandy deserts of Lybia, and assuming the character of the son of that god. In the meantime Darius, who had escaped from the battle of Issus, had collected a much more numerous army than the former. A.C. 331, a decisive battle was fought between Alexander and Darius at Arbela, which, in its consequences, was the means of placing all Asia in the hands of Alexander. A.C. 328, Alexander turned his victorious arms against Scythia, which shared the fate of Persia. Formerly he had manifested a noble disinterested generosity to his enemies, but his successes had now so completely overpowered the voice of reason, that his most faithful friends were daily sacrificed to his suspicions. A.C. 327, he set out for India, and was opposed on the banks of Hydaspes, by the Indian king, Porus, who was encamped on the other side in order to dispute the passage with him. At the head of his army were 85 elephants, of a prodigious size, and behind them 300 chariots, supported by 30,000 foot. After many obstacles, Alexander succeeded in subduing this mighty force, and taking their king prisoner.

Alexander was at length constrained to stop short in his career of victory, through the complaints of the Macedonians, who had grown grey in his service. After spending nine months in sailing down the rivers, Alexander arrived at

the ocean, on which he gazed with eagerness, believing that he had extended his conquest to the extremes of the earth on that side. From Patala he marched by land to Babylon; when, finding this city surpassed in extent and convenience all the cities of the east, he resolved to make it the seat of his empire. A.C. 321, he was seized with a violent fever, of which he soon after expired, in the 33rd year of his age, and 11th of his reign.

ALEXANDER BALAS, King of Syria, slain A.C. 145.

ALEXANDER JANNÆUS, son of John Hyrcanus, prince and high priest of the Jews, a short time before the reign of Herod the Great, A. C. 106. He died A.C. 79, after having reigned 27 years.

ALEXANDER SEVERUS, Emperor of Rome, succeeded Heliogabalus about 222. He was murdered by his troops, at the instigation of Maximinius, together with his mother, in the 29th year of his age, 235.

ALEXANDER III., pope, his stirrups held by the kings of England and France, died 1181.

ALEXANDER VI., pope, born 1431, at Valencia, in Spain; appointed cardinal in 1455; afterwards archbishop of Valencia and vice-chancellor of Rome. Under pope Sixtus IV. he was legate in Spain. Elected in 1492, at the age of 61, to succeed Pope Innocent VIII. He then changed his original name of Roderic Borgia, for that of Alexander VI. He proposed to the christian princes to march at the head of an army against the Turks, and under this pretext issued a bull for a jubilee in 1500, by which he contributed to enrich his treasury. In 1503, the poison which he and his son Cæsar had prepared for others who stood in the way of their avarice and ambition, by a happy mistake terminated his own days. See BORGIA.

ALEXANDRIA, now called Scandaria, the ancient capital of Lower Egypt, built by Alexander the Great, A. C. 333. It is situated on the Mediterranean, twelve miles west of that mouth of the Nile anciently called Canopicum. In one of the suburbs of the city called Rhacotis, a temple was erected to the god Serapis. This structure, according to Ammianus Marcellinus, surpassed in beauty and magnificence, all others in the world, except the capitol of Rome. Within the verge of this temple, was the famous Alexandrian Library, formed by



Alfred enters the service of a Cowherd.

The Danes break the Treaty and attack the English Cavalry.

Ubba slain and his famous Standard taken.

Alfred in the Danish Camp.

Alfred gains a complete Victory.

Ptolemy Soter, containing no fewer than 700,000 volumes. Alexandria was besieged and taken by Julius Cæsar, A.C. 47. It was again taken by Octavius, August 1. A.C. 30, after the battle of Actium, upon which Egypt became a Roman province.

Alexandria was for a series of years, first under the successors of Alexander, and subsequently under the Romans, the principal entrepot of the ancient world. The greater part of the traffic between Asia and Europe that had, at an earlier period, centred at Tyre, was gradually diverted to this new emporium. It supplied India with the products of Europe and Rome, and the western world with silks, spices, precious stones, and other products of Arabia and India; a great trade in corn was also carried on from Alexandria to Rome. Egypt, for a lengthened period, constituted the granary from which Rome, and afterwards Constantinople, drew the principal part of their supplies; and its possession was on that account, reckoned of the utmost importance.

Towards the middle of the 7th century, this city was taken by storm, after a siege of fourteen months, by the Saracen general Amrou Ebn al Aas. Notwithstanding the revolutions in the government of Egypt, after it fell into the hands of the Mahomedans, the excellence of its port, and its trade preserved Alexandria from total destruction. In 875, the old walls were demolished and the city contracted to half its former dimensions, and partly rebuilt.

1798. Alexandria was taken by Buonaparte. In 1801, it was retaken by the English General Hutchinson, which was the prelude to the conquest of Egypt, and its evacuation by the French army; but by an article in the treaty of peace, dictated probably by jealousy, it was restored to the Ottoman Porte.

There was formerly an artificial navigation stretching from the city to the western branch of the Nile. After being shut up for some centuries it was reopened in 1819, by Mohamed Ali.

In 1831, there entered the port of Alexandria 1215 ships, of the burden of 198,299 tons, of these, the Austrian were the most numerous, next, the English and Ionian, and then the French, Sardinian, Spanish, &c.

ALEXANDRIAN LIBRARY, con-

taining 400,000 MSS. destroyed by fire A.C. 47.

ALEXANDRIAN LIBRARY, THE SECOND, containing 700,000 volumes, burned by Caliph Omar, 14th January, 640. The Saracens heated their warm baths, for six months, with the burning books.

ALEXANDRINA-VICTORIA. See VICTORIA.

ALFIERI, VITTORIO, Count, an Italian tragic poet, born in Piedmont, 1749.

ALFRED, son of Ethelred II; had his eyes put out by Earl Godwin, and 600 followers slain at Guildford, 1036.

ALFRED THE GREAT, fourth son of Ethelwolf, born at Wantage in Berkshire, in 849, succeeded to the throne 872, in the 22nd year of his age. He was crowned at Winchester, and at his coronation was first used the ceremony of crowning and anointing. He was obliged to take the field against the Danes within one month after his coronation. A bloody engagement took place at Wilton, in Wiltshire; where, though the king was defeated with some loss, yet so great was the dread in which the Danes stood of Alfred's military fame, that they made a treaty with him, and retired from his dominions into those of the king of Mercia. In 875, the Danes broke the treaty, and meeting on the road to Mercia a body of English horse, advancing in an unprepared manner, as they relied on the late agreement, they slew the greater number of them. In 876, the Danes divided the army, one part seized on Exeter, where they wintered, and the other went to Northumberland. Alfred defeated them at Exeter, but they again made head against him at Chippenham, where he was worsted, and soon after at Bristol, where he recovered strength, and attacked them in camp at Abingdon, Berkshire. He fought seven battles with them that year.

877. Another succour of the Danes arrived and Alfred was obliged to disguise himself as a peasant and engage himself in the service of his own cowherd, to take care of his cattle. Assèr and other ancient writers relate, as a proof how completely Alfred was disguised, that one day the good woman of the house set a cake before the fire to bake, where the king was busily employed in trimming his bow and arrows;

on coming back and finding it burnt, through neglect of turning it in her absence, which she supposed he would have done, she chid him very severely for his inattention; and told him that though he could not turn the cake he was ready enough to eat it.

Alfred soon left this station, and with his wife and some of his most valued friends found a safe retreat in the isle of Æthelngy (Athelney) in Somersetshire, which was secured by vast morasses around it, and accessible only by one very obscure passage.

878. When the king had been about a year in this retreat, being informed that some of his subjects, under the brave Odun, Earl of Devonshire, had routed a great army of the Danes, killed their chief Ubba, and taken their magical standard, he issued letters, giving notice where he was, and inviting his nobility to come and consult with him. Before they came to a final determination, however, Alfred disguised as an itinerant harper, strolled into the enemy's camp: where, without suspicion, he was admitted not only to the tents of the common soldiers, but even into those of the chief Danish commanders. Having examined everything with great accuracy, he retired again to Æthelngy, and summoned with all privacy his faithful subjects to meet him in arms at Brixton, in the forest of Selwood in Wiltshire. They obeyed the summons; and, fired with the hope of liberty, fell upon the Danes, with incredible alacrity, at a moment when the latter had not the least suspicion of a foe, and gained a complete victory.

884. A new swarm of Danes landed in Kent, and laid siege to Rochester; but the inhabitants boldly defended the place, till the king reaching them with an army, compelled the enemy to raise the siege: In 897, they went up the river Lea, and built a fortress at Ware, when king Alfred drained off the course of the river, and left their ships dry, which obliged the Danes to remove. Having reigned upwards of 28 years, to the delight of his subjects, and the admiration of all Europe; he died October 28, 900. It has been observed of Alfred, that, had he not been a king, he would have been eminently distinguished as a grammarian, a rhetorician, a philosopher, a historian, a musician, and an architect. His original writings and translations were very numerous.

ALGAROTTI, FRANCISCO, an Italian nobleman, a printer, engraver, and critic, born at Venice December 12, 1712; died at Pisa, March 3, 1764.

ALGEBRA. Where this science was first used, and by whom, is unknown. The earliest writing on it, was by Diophantus, probably about 350. It was brought into Spain by the Saracens, probably about 900. Brought into Italy by Leonard at Pisa, about 1202. Partial solutions of cubic equations, by Scipio Ferreus, of Bologna 1505. Further solution by Tartale of Brescia, (communicated by Cardan,) 1539. Solution of biquadratics by Louis Ferrari, 1556. The introduction of general symbols for quantities, whether known or unknown, by Vieta, (the greatest step in the science) 1600. Positive and integral indices, by Harriot, and Descartes; compositions of the higher equations by Harriot, 1610. Application of algebra to the expression of curves and use of indeterminate quantities, Descartes 1637. Diophantine problems, Fermat, about 1640. Negative and fractional indices, by Wallis, 1657. Indefinite division and indefinite quotients, by Mercator, 1666. General indices, by Newton, 1667 or 1668.

The Binomial Theorem of Newton, 1688, the basis of the doctrine of Fluxions, of the new analysis, discovered about the year 1668; first published in 1676. Sir Isaac Newton's farther discoveries and improvements relating to the present subject, are his Method of Divisors, for discovering the rational roots of equations; the Method of Fluxions and Infinite Series; the Quadrature, Rectification, &c. of Curves; the Investigation of the Roots of Equations both universal and literal, by Infinite Series; the Reversion of Series, &c.

The calculation of probabilities in the theory of games of chance, was expressly treated on, first by Huygens, about the middle of the seventeenth century. Demoivre has explained and applied the doctrine in his *Doctrine of Chances*, &c. 1718, and his *Annuities on Lives*, 1724. Thomas Simpson has written ably on the subject in his *Nature and Laws of Chance*, 1740, and *Doctrine of Annuities and Reversions*, &c., 1743.

The following branches are more or less allied to fluxions, or owe their origin to that doctrine; namely, the *Methodus Incrementorum*, by Dr. Brook Taylor,

published in 1715; the *Doctrine of Ultimators*, by the Rev. John Kirkby, 1748; the *Residual Analysis*, by Mr. Landen, 1764; and lastly, the *Doctrine of Universal Comparison*, 1789, and the *Antecedental Calculus*, 1793, both by Major Glenie.

The subsequent improvements are numerous, but they are of no great importance.

ALGIERS, a piratical state of Africa, formerly a kingdom, but now under the power of France. In 44, the Romans were driven from thence by the Vandals; these by Belisarius, the Greek emperor, Justinian's general, and the Greeks in their turn by the Saracens, about the middle of the 17th century. The Arabs continued masters of the country, dividing it into a great number of petty kingdoms and states, under chiefs of their own choosing, till the year 1051. At this time, Abubeker-ben-Omar reduced the whole province of Tingitania under his dominion.

1505. The Spaniards obliged Algiers to become tributary to Spain. The Algerines were compelled to submit, till 1516, when they sent an embassy to the bold adventurous corsair Aruch Barbarossa, requesting him to come and free them from the Spanish yoke; for which they agreed to pay him a gratuity answerable to so great a service. The same year, Barbarossa caused himself to be proclaimed king.

1517. After the death of Barbarossa, his brother Hayradin, sought the protection of the grand Signior. This was readily granted, and himself appointed pacha, or viceroy of Algiers. It continued to be governed by viceroys appointed by the porte, till the beginning of the 17th century. In 1623, the Algerines threw off their dependence on the porte, and a revolution took place, by which Algiers finally became an independent state, under their own deys. 1683, their town was bombarded by a French squadron under admiral Du Quesne, who utterly destroyed their fortifications and shipping, and almost all their city. It was again bombarded in 1781, by the French. But it was not till the taking of Gibraltar in 1682, that Britain could have a sufficient check upon them to enforce the observation of treaties. In 1775, and again in 1784, Algiers was bombarded by the Spaniards, by which these pirates were

for a time reduced to reason. In 1815, it was blockaded by an American fleet, under Captain Decatur; in consequence of which, the dey gladly consented to pay the sum of 50,000 dollars.

In November, 1815, Lord Exmouth was dispatched with a fleet of five frigates. On his arrival before the city, the dey, alarmed and unprepared for any resistance to so powerful a force, complied with his lordship's proposals, and confirmed the former treaties. But afterwards, committing new depredations, on the 27th August, 1816, Lord Exmouth attacked their fleet in the harbour, and destroyed nearly all their shipping, bombarded the town, and reduced all the batteries to a heap of ruins.

For some years this piratical state conducted itself with more moderation; but retaining its old system of committing gross outrages and repeated insults, particularly to France, a French expedition was sent against it in 1830. July the 22nd, the capital of Algiers surrendered unconditionally to the French army, who, occupying it, took possession of an immense booty. The retention and colonization of Algiers by the French, was, for three years found a heavy burden on the finances of France; the chairman of the committee on the budget of the minister of war, 1834, strongly recommended its abandonment. The expenditure recommended by the committee for 1835, exclusive of the soldiers and seamen required for the defence of the colony, amounted to 7,000,000 francs.

1836. The French ministry having declared that government, had, notwithstanding, adopted a firm resolution to retain permanent occupation of Algiers and its dependencies, a force was maintained, and many battles fought. The result of which was, that, after several engagements with the Arabs, Abdel Kader, one of the most powerful of their chiefs, was obliged to withdraw to the mountains. During the spring and summer of 1837, General Bugeand was employed in negotiating a treaty with Abel Kader. It was officially announced to the public on the 18th of July.

1839. The war in Algiers broke out again; after a long correspondence, between Abdel Kader and the French governor Marshal Vallee, the former declared war against the French, Nov. 2. The plain adjoining Algiers was in the

possession of a corps of about 4,000 mounted Arabs. On the 21st a convoy which left the city for one of the camps, fell in with them, and the 38 men of which its escort consisted, including three officers, were all put to the sword and decapitated. The Toulonnais of the 29th thus sums up the situation of affairs in Algiers. "The blood of our countrymen has everywhere flowed under the yataghan, fire has devoured the property of the friendly tribes and of the colonists, and our soldiers being inferior in numbers to the enemy, are obliged to maintain an unequal contest. Hostilities are general, they have broken out at Blida, Kolesh, Maelma, Foudouck, Arba, and all the neighbouring camps. Several villages have been reduced to ashes, and amongst others, that of Noirlous, whose inhabitants have been carried off by the Arabs; a convoy escorted by 48 men was never heard of, and a detachment of 148 men entirely put to the sword."

ALHAMBRA, an ancient fortress and residence of the Moorish monarchs of Granada, derives its name from the colour of the materials with which it was built, A.H. 794, or A.D. 1338. It appears, at first view, a huge heap of ugly buildings, all huddled together, seemingly without the least intention of forming an habitation; but it occupies an immense space, and its internal structure is perhaps the most curious in the world. In every division, are Arabic sentences of different lengths, most of them expressive of the following meanings:—"There is no conqueror but God;" "Obedience and honour to our Lord Abouabdoulah."

This edifice is memorable for a remarkable fact in Moorish history. It was in one of the cells of this building that in 1491 the wife of the last king of Grenada was imprisoned. The Gomels and Legris, two families of distinction, bore false witness against her virtue, and occasioned the destruction of the greatest part of the Abencerrages, another powerful and numerous family of Grenada, of whom they were jealous. It is said that the Abencerrages were sent for, one by one, and beheaded as soon as they entered the hall of the lions in this fortress, where there is still a large vase of alabaster, which was quickly filled with blood, and the heads of expiring bodies. The unhappy princess was imprisoned, and the day arriving on which she was to perish

by the hands of the executioner, when none of the Moors offering to defend her, she was advised to commit her cause to some Christian knights, who presented themselves at the time appointed, and conquered her false accusers, so that she was immediately set at liberty. The taking of Grenada by the Spaniards soon followed this combat,

ALI, the son of Abu Taleb, and one of the most celebrated characters in Mahomedan history, cousin and son-in-law to Mahomet. He was remarkable both for eloquence and valour. After the death of Caliph Othman, he was saluted caliph, by the chiefs of the tribes, in 655, A.H. 35. His accession to the throne caused a destructive civil war. Ali was assassinated in the 63rd year of his age A.D. 660. A.H. 40.

ALI BEY, an eastern adventurer, born at the foot of Caucasus, seized the government of Egypt, died 1773.

ALI PACHA, a self constituted governor of Albania, born at Tepelini, 1744, slain, with six of his companions, Feb. 5, 1822.

ALIEN PRIORIES, seized by the crown, 1337.

ALIENS, forbidden to hold church livings; juries for their trial, to be half foreigners, 1430; not to exercise a trade or handicraft by retail, 1483.

1708. An act was passed for the general neutralization of all foreign protestants; but the prejudices against them was still so great that it was repealed within three years. Some unsuccessful attempts have been since made to carry a similar measure.

The conditions under which aliens latterly resided amongst us were embodied in the act 7 Geo. IV. cap. 54, 1827. But in 1836, this was repealed by the act, 6 Will. IV. cap. 11, which enacts in its stead some new regulations, of which the following are the principal. Every master of a ship arriving from foreign parts, shall declare in writing, to the chief officer of customs, the name or names, rank, or occupation, &c. of any alien or aliens on board his ship, or who may have landed therefrom, at any place within the realm, under the penalty of 20*l.*, for omission or false declaration; and of 10*l.* for every alien omitted in the declaration; this regulation does not, however, extend to foreign mariners navigating the vessel. On arriving in this country, the alien is to declare his name, description, &c., and

to produce his passport; which declaration is to be registered by the officer of customs, who is to deliver a certificate to the alien. A copy of this declaration, is to be transmitted, within two days, to the secretary of state; or, if the alien land in Ireland, to the chief secretary of the lord lieutenant. The original certificate given to the alien is to be transmitted to the secretary of state on his leaving the country. New certificates to be granted in lieu of such as may be lost, without fee, under a penalty of 20*l*. Forging certificates, or falsely personating, was punishable by imprisonment, exceeding three months, or by fine, not exceeding 100*l*.

ALLEGIANCE, OATH OF, first administered 1636, altered 1689.

ALLEGRI, (CORREGGIO) ANTONIO, a celebrated but unfortunate historical painter, born at Allegri, 1490, and died from disappointment, 1534.

ALLEN, JOHN, archbishop of Dublin, and a learned writer, murdered in the Lord Offaly's rebellion, 1534.

ALLEN, THOMAS, an English mathematician, born at Uttoxeter, Dec. 21, 1542, died 1632.

ALLEYN, EDWARD, an English actor in the reigns of Elizabeth and James I., keeper of the royal bear garden. He founded Dulwich College. Born in London, 1566, died 1626, buried at Dulwich.

ALLIANCE, HOLY. See **HOLY ALLIANCE**.

ALLINGTON CASTLE, Kent, built 1282.

ALLOISI, BALDASSARE, Gallanino, an eminent portrait painter, (the Italian Vandyk), born at Bologna, 1578, died 1638.

ALL SAINTS, FESTIVAL OF, instituted 625.

ALL SOULS, FESTIVAL OF, instituted A.D. 1604.

ALL SOULS COLLEGE, Oxford, founded by Henry Chicheley, archbishop of Canterbury, 1437.

ALLY, CAWN, made a nabob by Col. Clive, June 23, 1765.

ALMAGRO, DIEGO DE, a Spanish commander, of obscure birth, who formed an association with Pizarro and De Luque, for the purpose of discoveries and conquests, upon the Peruvian coast. In 1535, he attempted the conquest of Chili, and set out at the head of 570 Europeans. A form of govern-

ment was settled in the name of Almagro, and his jurisdiction over Cuzco was universally acknowledged. After a fierce and bloody battle with Pizarro, Almagro was made prisoner. In the 75th year of his age, 1538, he was strangled in prison, and afterwards beheaded.

ALMANACS were first published by Martin Ilkus, at Buda, 1470; they were compiled by Muller, 1473. Regiomontanus, was the first in Europe, who reduced almanacs into their present form and method. His first almanac was published in 1474. The first in England was printed at Oxford 1673. The company of stationers, in London, claimed an exclusive right to publish almanacs until 1779. Almanacs were first printed at Constantinople, 1806; duty was taken off 1834, by 3rd and 4th Will. IV. c. 57.

The best almanac in England is that published under the superintendence of the Society for the diffusion of Useful Knowledge, called "The British Almanac." The "Companion to the Almanac," published by the same society, and continued to the present time, with the British Almanac, contains 1st. Information connected with the calendar, the celestial changes, and the natural phenomena of the year. 2nd. General information on subjects of chronology, geography, statistics, &c. 3rd. The legislation, statistics, public improvements, and inventions, of the year.

ALMANAC, NAUTICAL, AND ASTRONOMICAL EPHEMERIS, is a kind of national almanac, published annually, by anticipation, under direction of the commissioners of longitude. Besides every thing essential to general use, it contains, the distances of the moon from the sun and fixed stars, for every three hours of the apparent time, adapted to the meridian at Greenwich, by comparing with which the distances observed at sea, the mariner may infer his longitude to a considerable degree of exactness. It began with the year 1767, has been continued ever since, and greatly contributes to the improvement of astronomy, geography, and navigation.

ALMARANTA: order of knighthood in Sweden, instituted 1653.

ALMEYDA, in Portugal, taken by the Spaniards, August 25, 1762; by the French, August 27, 1810; blown up by the French May, 10, 1811.

ALMORA, East Indies, carried by assault of the Company's forces, April 25, 1815.

ALNAGER, KING'S, seems to have originated from the statute of Richard I., 1197; his office is to regulate the measure of woollen cloth made in England.

ALNWICK CASTLE, Northumberland, seat of the Percies, founded 1147.

ALOE, AMERICAN, introduced into Europe, 1561.

ALPHABET. Some learned men have imagined, that the knowledge of alphabetical writing was supernaturally imparted to our first parents. Others have supposed, with more probability, that it was introduced very early after the deluge, A. C. 2349. It seems probable that letters were known to the Israelites at Sinai, as God thought fit to deliver the first elements of their religion in that kind of writing. From the Israelites, it is supposed that the art of alphabetical writing passed to the Assyrians, and from them was communicated to the Phœnicians and Egyptians, about A. C. 1950. It is generally agreed that Cadmus, the son of Agenor, first brought letters to Greece, A. C. 1045; whence in the following ages they spread over the rest of Europe. The Ionian alphabet, which consisted of twenty-four letters, was adopted A. C. 390.

ALPHONSINE TABLES, Astronomical tables, so called from the inventor, Alphonso X, king of Castile composed 1252. See **ALPHONSO X**.

ALPHONSO or **ALONSO III**, surnamed the Great, king of Asturias, Leon, and Oviedo, born 849, and succeeded his father Don Ordugno, 865. In 910, his son Don Garcias, having formed the design of deposing his father and seating himself upon the throne, Alonso assembled the states and grandees of the country, and abdicating the crown, resigned it to Don Garcias, who was declared king. Alonso died in 912, when about 63. It is said that he composed a chronicle of Spanish affairs from the death of king Recesuintho, to that of his father Don Ordugno.

ALPHONSO or **ALONSO X**, surnamed the Wise, king of Leon and Castile, succeeded his father May 30, 1252. His reign was marked by dissensions at home, and unsuccessful expeditions abroad, in the midst of which he died, April 4, 1284, in the 81st year of his age. He was an eminent proficient in

science, and a patron of literature. In 1248 he assembled a number of the most celebrated astronomers from all parts of Europe, at Toledo, for the purpose of examining the astronomical tables of Ptolemy, and correcting their errors. In 1252, they were completed, and called **ALPHONSINE TABLES** from the name of this prince.

ALRESFORD, in Hampshire, destroyed by fire 1160.

ALTARS, in churches, first used 135, consecrated 271, the first used in Britain 534.

ALTOF, in Franconia, University of, founded 1581.

ALUM, a salt of great importance in the arts, consisting of a compound of aluminum, a pure argillaceous earth, potass, and sulphuric acid. Alum is sometimes found native, but by far the greater part of that met with in commerce is artificially prepared. The best alum is the Roman, or that which is manufactured near Civita Vecchia in the papal territory.

According to Beckmann the ancients were unacquainted with alum, the substance which they designated as such being merely vitrolic earth. Alum was first discovered by the Orientals, who established alum works in Syria in the 13th or 14th century. The oldest alum works in Europe, were erected about the middle of the 15th century. Towards the conclusion of the reign of Queen Elizabeth, Sir Thomas Chaloner established the first alum works in England, near Whitby, in Yorkshire, where the principal works of the sort, in this country, are still carried on. The manufacture was first brought to perfection 1608.

ALVA, DON FERDINAND ALVAREZ, of Toledo, Duke of, general of the imperial armies in the time of Charles V., born of an illustrious family in Spain, in 1508. In 1546 he marched against the German protestants; 1556 was sent into the pope's territories, and having pursued his conquests to the very gates of Rome, he yielded to peace, and submitted to ask forgiveness of the pontiff he had conquered. He was selected by Philip II. to take the government of the Low Countries, in order to extirpate the protestants. His cruelties led to the separation of the Dutch provinces 1565. In 1573 he resigned the government of the Low Countries; 1581 defeated Antonio,

king of Portugal, drove him from the kingdom, and soon reduced the whole under the subjection of Philip; he died 1582, at the age of 74.

AMADEUS, the name of several Counts of Savoy.

AMADEUS V, succeeded to the sovereignty in 1285; in consequence of his wisdom and success, he obtained the surname of Great. When the Turks attempted to retake the Isle of Rhodes, from the knights of St. John of Jerusalem in 1311, he boldly defended it. Amadeus died in 1323, after a reign of 38 years.

AMADEUS IX. Count of Savoy, surnamed the Happy, a virtuous and pious prince. He succeeded to the throne in 1464, and died universally regretted in 1472.

AMARANTE. See **ALMARANTE**.

AMAZONIA, country, South America, discovered in 1580, by Francisco Orellani, who coming from Peru sailed down the river called Amazons. In consequence of the appearance and size of the women, the country and river received their name from the Amazons of antiquity. See the next article.

AMAZONS, a nation of warlike women, who formed an empire in Asia Minor. They made an irruption into Attica, about A. C. 1209. A queen of the Amazons visited Alexander the Great; she died soon after her return, about 330.

AMBASSADOR. The first sent by the Czar of Russia to England, 1556; the first sent to Turkey from England, 1606; the Portuguese arrested for debt, 1653; the Russian arrested by a lace merchant, 1709; when a law was passed for their protection. Prosecution limited, 1773. The first that arrived in Europe from India, came from Tippoo Saib to France, 1778. The first from the Ottoman empire arrived in London, December, 1793.

AMBERLEY CASTLE, Sussex, built 1374.

AMBOYNA, one of the Molucca islands, in the East Indies, the centre of the commerce for nutmegs and cloves. It was first discovered by the Portuguese in 1515, who built a fort upon it, which was taken by the Dutch, 1605. The English had here five factors, who lived under the protection of the Dutch castle.

1622. The infamous Amboyna massacre took place, in which the English factors, and others, their countrymen, were accused of a pretended conspiracy,

and were inhumanly tortured to extort a confession of their guilt. Those who did not expire under the agonies of torture, were executed, though all of them protested their innocence to their latest breath.

1796. Amboyna was captured by the English, but restored to the Dutch by the peace of Amiens. In 1810, it was again taken by the English, and in 1814 again restored to its former owners by the treaty of Paris.

AMBROSE, ST., Bishop of Milan, one of the most eminent fathers of the church in the 4th century, born in France in 334, or as some say, in 340. He attained, by the regular gradation of civil honours, the station of consular of Liguria and Emilia, comprehending the territories of Milan, Liguria, Turin, Genoa, and Bologna. By the prudent and gentle use of his power, he conducted the affairs of the province with growing popularity. In 374, Ambrose was chosen bishop of Milan. He was a zealous defender of the church against the Arians. He died in 397. His writings are voluminous, although little more than adulterated editions of Origen and other Greek writers.

AMBROSIUS, AURELIUS, chosen king of the Britons, and crowned at Stonehenge, in 465; died in 508.

AMONTONS, the reputed inventor of the telegraph, died 1705.

AMERICA, first discovered by Columbus, 1492; the complete discovery of South America made by Vespuccius Americanus, a Florentine, in 1499. About the same time North America was discovered by Sebastian Cabot, in the service of England. The first English colony settled in Newfoundland 1498. Florida discovered by John Cabot, 1500, ceded to Spain by the peace of 1783, now one of the United states.

1500. Brazil discovered by the Portuguese, planted by them 1549; now erected into an independent empire. See **BRAZIL**. In 1514, Terra Firma conquered by Spain; in 1518, Mexico conquered by Spain; Peru in 1520. See **MEXICO** and **PERU**.

1607. The first British settlement made in Virginia, North America, 4th James I. The second in New England, by the Plymouth Company, in 1614. In 1620, New Plymouth built by a large body of dissenters, who fled from church tyranny in England. In 1622, Nova Scotia settled

by the Scotch, under Sir William Alexander. In 1628, Salem was built, and in 1630, Boston, the present capital of New England; Maryland, was settled by Lord Battlemore, 1633; New York, by the Dutch, 1664; Carolina, by English merchants, 1670; Pennsylvania, by William Penn, 1681; Georgia, by General Oglethorpe, 1732. Nova Scotia confirmed to the English, by the peace of 1748.

1663. Louisiana discovered by the French; they took possession of it in 1718, but eastward of the Mississippi was ceded to England in 1763; it now forms one of the United states. Canada was attempted to be settled by the French in 1534; they built Quebec in 1608. It was conquered by the English, 1762, and ceded by the peace of 1763. In 1774, free trade opened between Old and New Spain, by the straits of Magellan. In 1775, paper currency established in America.

Thirteen colonies united, and declared themselves independent of the English crown, July 4, 1776; allowed by France, Feb. 6, 1778; by Holland, Oct. 8, 1782; by the English Parliament, Nov. 30, 1783. September 1, 1775, American congress first met at Philadelphia. In 1781, William Henry, Duke of Clarence, (late William IV.) landed in North America. He was the first prince of the blood royal who had visited those shores. July 18, 1812, United States of America declared war against England. Made peace Dec. 24, 1814. See UNITED STATES.

Spanish America declared itself independent in 1810. See COLOMBIA, CHILI, PERU, &c. United Provinces assembled in congress, and declared the sovereignty of the people, July 5, 1811. See BUENOS AYRES.

1830. Independence of all the new republics acknowledged by France; Count Mole writing to the republican agents, announcing that France was ready to enter into treaties of amity with them.

Recent Discoveries.—Barrow's Straits discovered by Lieut. Parry, in 1819, who penetrated as far as Melville Island, in lat. $74^{\circ} 26' N$, and long. $113^{\circ} 47' W$. The straits were entered on the 3rd of August. The lowest state of the thermometer was 55° below zero of Fahrenheit. The northern limits of North America, determined by Captain Franklin, from the mouth of the Coppermine River, to Cape Turnagain, in his first journey. In his second expedition, he

discovered the coast between the mouths of the Coppermine and M'Kenzie's rivers, and the coast from the mouth of the latter to $149\frac{1}{2}^{\circ} W$. long. In August, 1827, Capt. Beechy, in H. M. S. Blossom, discovered the coast from Icy Cape to point Barrow, leaving about 140 miles of coast unexplored between this point and point Beechy. Point Barrow is in $156^{\circ} W$. long.

AMERICAN COLLEGES, with the dates of their foundation, arranged under the heads of the different states in the union.

Maine. Bowdoin college, 1794; Maine Theological Institution, 1814; Waterville college, 1820; Maine Wesleyan Seminary, 1825.

New Hampshire. Dartmouth college, 1769.

Vermont, University of Vermont, 1791; Middleburg college, 1800.

Massachusetts, Harvard University, 1638; William's college, 1793; Amherst college, 1821.

Rhode Island. Brown University, 1764.

Connecticut. Yael college, 1700; Washington college, 1824; Wesleyan University, 1833.

New York. Columbia college, 1754; Union college, 1794; Hamilton college, 1812; Geneva college, 1825; Brockport college, 1834; University of the city of New York, 1831.

New Jersey. College of New Jersey, 1746; Rutger's college, 1770.

Pennsylvania. University of Pennsylvania, 1755; Western University, 1820; Dickenson's college, 1783; Jefferson college, 1802; Washington college, 1806; Alleghany college, 1815; Lafayette college, 1826; Pennsylvania college, 1832; and Franklin and Madison colleges, founded in 1787, and 1827, now closed.

Maryland. St. John's college, 1784; University of Maryland, 1807; Washington Medical college, 1833; St. Mary's college, 1799; Mount St. Mary's college, 1809.

Virginia. University of Virginia, 1825; college of William and Mary, 1691; Washington college, 1812; Hampden-Sidney college, 1774.

North Carolina. University of North Carolina, 1793.

South Carolina. College of South Carolina, 1801; Charleston col-

lege, 1785; Medical college of South Carolina, 1832.

Georgia. University of Georgia, 1802; Medical college of Georgia, 1806.

Alabama. University of Alabama, 1820; Lagrange college, 1830; college of Spring Hill.

Mississippi. Jefferson college, 1802.

Louisiana. College of Louisiana, 1825.

Tennessee. University of Nashville, 1806; Greeneville college, 1794; East Tennessee college, 1807.

Kentucky. Transylvania university, 1798; Centre college, 1818; St. Joseph's college, 1819; Augusta college, 1822; Cumberland college, 1824; George Town college, 1830.

Ohio. Ohio university, 1802; Miami university, 1809; Western reserve college, 1826; Kenyon college, 1828; Franklin college, 1824; Medical college of Ohio, 1818.

Indiana. Indiana college, 1827; South Hanover college, 1825.

Illinois. Illinois College, 1830.

Missouri. St. Louis university, 1829; St. Mary's college, 1822.

District of Columbia. Georgetown college, 1799; Columbian college, 1821.

AMERICAN SOCIETIES, with the dates of their institution.

New Hampshire. New Hampshire medical society, 1791; New Hampshire historical society, 1823.

Massachusetts. Berkshire medical institution, 1833; American academy of arts and sciences, 1780; Massachusetts historical society, 1791; American antiquarian society, 1812; Massachusetts medical society, 1781; American institute of instruction, 1831.

Rhode Island. Rhode Island historical society, 1822; Franklin society, 1821.

Connecticut. Connecticut historical society; Connecticut medical society.

New York. New York historical society, 1804; New York literary and philosophical society; American academy of fine arts, 1808; national academy of design, 1826; American lyceum, 1831; medical society of the State of New York.

Pennsylvania. American philosophical society, 1769; Pennsylvania academy of the fine arts, 1805;

academy of natural sciences, 1812; Pennsylvania historical society, 1825.

Virginia. Virginia historical and philosophical society, 1832

North Carolina. North Carolina institute, 1831.

South Carolina. Literary and philosophical society of South Carolina, 1831; medical society of South Carolina, 1794.

Indiana. Indiana historical society, 1831.

District of Columbia. Columbian institute, 1816.

AMERICAN COLONIZATION SOCIETY, for establishing a colony of emancipated blacks on the coast of Africa, instituted 1816.

AMERICAN COMPANY, the Russian, established in 1785.

AMERICAN CONGRESS, first assembled at Philadelphia, Sept. 5, 1775, removed to Washington, 1801.

AMERICAN EXPEDITION of discovery to explore the rocky mountains; heard of after an absence of eleven years, 1832.

AMERICAN PHILOSOPHICAL SOCIETY, instituted Jan. 2, 1672.

AMERICUS VESPUCCIUS, (Amerigo Vespucci,) one of the discoverers of the continent of America, born at Florence, March 9, 1451; first reached America in 1499; died at Seville, 1512.

AMESBURY, Wiltshire, 32 houses destroyed by fire, which did £10,000 damage, June 3, 1751.

AMESBURY NUNNERY, built 976.

AMES, JOSEPH, author of *Typographical Antiquities*, born at Yarmouth, 1683, died 1759.

AMES, FISHER, an American orator and writer: born 1753, died 1804.

AMHERST, JEFFREY, Lord, a British general, born 1717, died 1798.

AMHURST, NICHOLAS, an English poet, born at Marden; the author of the "*Craftsman*," and which materially controlled the power of the existing administration. Notwithstanding all his popularity and talent, he died in poverty, of a broken heart, and was buried at the expense of his printer in 1742.

AMICABLE SOCIETY, incorporated 1706.

AMIENS, peace of, concluded between France and England, March 27, 1802. In the words of an eminent statesman—"It was a peace at which

every body rejoiced, but of which nobody could be proud." From the moment this treaty was signed, discontents and jealousies daily arose, which, in 1803, caused a recommencement of the war.

AMILCAR, (or Hamilcar Barcas) a Carthaginian general, father to Hannibal, slain in battle A.C. 228.

AMIOT, a French jesuit, missionary to China, born 1718, died in 1794.

AMMIANUS MARCELLINUS, a Roman historian, who flourished in the 4th century: born at Antioch. In 350 he entered the service of Constantius, emperor of the east. His history begins with the reign of Nerva, and continues to the death of Valens: 13 of his books perished, the 18 which remain commence with 17 years of the reign of Constantine, and terminate at 375. Candour and impartiality are its leading features.

AMNESTY, LAW OF, passed in France, Jan. 12, 1816.

AMORITES, a people that inhabited the mountains around the Dead Sea, conquered by Moses, A.M. 2553.

AMOS, the prophet, flourished A.C. 850.

AMPHICTYONIC COUNCIL, was a congress of twelve cities of Greece, held twice a year at Thermopylæ, to adjust disputes, &c. Founded by Amphictyon A.C. 1522.

AMPHILOCHUS, bishop of Iconium, died A.D. 394.

AMPHION, King of Thebes, and a celebrated ancient musician, flourished A.M. 2617.

AMPHION FRIGATE, blown up at Plymouth, and all the crew destroyed, Sep. 22, 1796.

AMPHITHEATRE, at Fidonia, built during the reign of Tiberius, fell in when 50,000 persons were killed, 26.

AMPHITHEATRE, at Rome, erected in 69, planned by Augustus, and built by Vespasian. This immense building obtained the appellation of the Coliseum. It was of an elliptical form, whose longest diameter was about 615 English feet, and the shortest 510, and was capable of containing 87,000 spectators. Since stripped of its ornaments to decorate palaces, and the 14 chapels erected within it.

AMPHITRITE TRANSPORT, with 125 female convicts, and a crew of 39 souls, lost within 3 miles of Boulogne, and only three lives saved, Aug. 31, 1833.

AMSTERDAM, the chief city of

Holland, situated on the Amstel, from which it derives its name. First walled in 1490. In 1522, besieged unsuccessfully by the Guelderlanders. In 1578, submitted, after a ten months' siege, to the Hollanders. In 1675, increased to its present extent; 1787, surrendered to the Russians; 1795, received the French; 1806, the seat of regal government under Louis Buonaparte; 1810, incorporated with the French empire; 1813, restored to Holland, when the house of Orange was recalled.

Bank founded, 1609.

Stadthouse built 1638; Exchange in 1634; Opera House at, burnt, 150 persons perished, 1772; Admiralty House destroyed by fire, July 6th, 1791.

AMURATH, or AMURAT I., sultan of the Turks, and one of the greatest princes of the Ottoman empire, succeeded his father Orchan, in 1360. He was stabbed by one of his servants in 1389, having reigned 29 years. He introduced the military order of Janizaries. See **JANIZARIES**.

AMYOT, JAMES, a French writer, bishop of Auxerre, born 1514, died 1593.

ANABAPTISTS, first appeared under Storck and Muntzer in Germany, 1525; chose Buchold, of Leyden, a tailor, their king, 1534; appeared in England, 1549. They reject infant baptism, and baptize by immersion at years of discretion. Four Dutchmen burnt for heresy, 1538; some imprisoned for a plot against Oliver Cromwell, 1657; an insurrection of them under Venner, Jan. 6, 1661. This ancient sect agree with the Baptists of the present day, only in the circumstance of rejecting infant baptism.

ANACHARSIS, the Scythian philosopher, flourished about A.C. 600. Intrusted with an embassy to Athens, A.C. 592, and honoured with the friendship of Solon. After several years he returned to his native country desirous of instructing the inhabitants. But he fell a victim to their folly and ignorance. The energetic manner in which he was accustomed to express himself, gave birth to the proverbial saying, "Scythian eloquence."

ANACREON, the Greek poet, flourished A.C. 532.

ANANIAS AND SAPPHIRA struck dead, A.D. 33.

ANAPA. After a siege of forty hours, the Turkish garrison, 3,000 strong, surrendered at discretion to the Russian ad-

mirals, Greigh and Menckoff. Eighty-five pieces of artillery fell into the hands of the conquerors, June 23, 1828.

ANASTATIUS I., emperor of the east, succeeded by Zeno, 491, died, 518.

ANASTATIUS II., dethroned by Theodorice, 719.

ANATHEMA, first exercised by the church, 387.

ANATOMY. Hippocrates, who has justly been styled the father of medicine, and who flourished about four centuries before the Christian era, attended little to anatomy. Subsequent to his time, opportunities of dissection were very rare, and confined to the schools of Athens and Alexandria. Under the patronage of the Ptolemies, Erisistratus and Herophilus particularly distinguished themselves. Galen, who flourished in the 2nd century, first reduced the science to a regular system

On the revival of letters in the fifteenth and sixteenth centuries, anatomy was cultivated with considerable assiduity, and by none with so much ability, zeal, and success, as the great Vesalius, who was born at Brussels, in 1514.

The commencement of the seventeenth century forms a splendid era in the history of anatomy, for then was discovered, by our countryman, Harvey, the circulation of the blood. In 1616 Dr. Harvey first promulgated his discovery. By experiments equally clear and simple, he proved that the blood not only circulated through the lungs, but in every part of the body. Not long after the circulation of the blood had been discovered, the lacteals were brought to light by Aselius, an Italian physician; and, in 1651, Pecquet traced them to the thoracic duct, and from thence to the left subclavian vein.

1653. The lymphatics were discovered by Rudbeck and Bartholine. Malpighi made considerable improvements in the use of the microscope, which very much facilitated the study of anatomy. After him, Ruysch distinguished himself by his description of the valves of the lymphatic vessels.

In the present day anatomy is studied with great industry and zeal, and the science is almost daily enriched by accessions of useful and valuable information. In Bell's "Animal Mechanics," published about 1830, the marks of design which pervade every part of the human frame are illustrated in a scientific and elegant manner.

Dr. Agout, of Paris, in 1832, invented an artificial human body, the muscles and other parts (1244 in all) being made of a peculiar kind of paste, and dried, can be removed one after the other; and in that way the muscles of the trunk and the extremities can be regularly demonstrated, and the relative position of the external and internal muscles exhibited; the transit of the arteries, veins, and nerves, clearly shown; and each muscle and organ, down to the bone, can be removed and replaced in their natural position.

In 1832, by 2 and 3 Will. IV., an act was passed for regulating the schools of anatomy, which empowers the secretary of state to grant licence for practising anatomy to any college of physicians.

ANATOMY OF PLANTS, discovered 1680.

ANAXAGORAS, an Ionian philosopher, born A.C. 500, died 428.

ANAXANDRIDES, the comic poet, flourished A.C. 378.

ANAXARCHUS, a Thracian philosopher, flourished A.C. 340.

ANAXIMANDER, the inventor of hydrography, born at Miletus, A.C. 610, died 547.

ANAXIMENES, a mathematician, of Miletus, who flourished A.C. 556.

ANCHORS invented 587.

ANCHORITES, first appeared 1255.

ANCONA, city of Italy, States of the Church: taken by the French, July 1796; surrendered by the Imperialists, November 13, 1799; referred to the pope, 1802. The French landed here February 23, 1832, and took possession of the citadel. The pope called it an "invasion," and protested against it several times.

ANCUS, MARTIUS, fourth king of Rome, succeeded A.C. 640, died in 615.

ANDES, a chain of mountains in South America, called by the Spaniards, Cordillera de los Andes. They extend from the most northern parts of Peru to the Straits of Magellan, between 3,000 and 4,000 miles, and are the longest and most remarkable in the world. The highest mountain, Chimborazo, is asserted by the French mathematicians, who were employed from 1735 to 1743, in measuring a degree of the equator, to be about 20,280 feet above sea level.

The important political events from 1817 to 1822, by which the whole of the South American continent has been wrested from the dominion of Spain, have opened a way for communication

with this mountainous region. In 1822, M. Mollien, an intelligent Frenchman, landed at Cartagena, and reached Bogota by the usual route of the Magdalena.

Captain Cochrane, in 1823, ascended the Magdalena, one of the Andean range, to Honda, the port of Bogota.

By the observations of J. B. Pentland, Esq., communicated to the Geographical Society in 1835, it appears that the volcano of Gualatieri, in the Andes, rises to an elevation of 22,000 feet.

ANDOVER, LORD, killed while delivering his fowling piece to his servant, January 8, 1801.

ANDRE, MAJOR, a British officer, taken as a spy by the Americans, and hanged October 2, 1780.

ANDRE, JEAN, a French historic painter, pupil of Carlo Maratti, born in 1662, died in 1753.

ANDREA, MAROCHINI and ORCAGNA, two famous Florentine artists, flourished 1385.

ANDREW, St., order of knighthood, in Scotland, instituted 809; revived in Scotland, 1451 and 1605; in Russia, 1698.

ANDREW, St., brother of St. Peter, martyred November 30, 69. Festival instituted, 354.

ANDREWS, HENRY, the compiler, for more than forty years, of Moore's Almanac, published by the Stationers' Company; died, 1820, aged 76.

ANDREWS, St., University of, Scotland, founded by bishop Wardlaw, 1411.

ANDREWS, LAUNCELOT, bishop of Winchester; born 1555, died 1626.

ANDRONICUS I., emperor of the east, assassinated 1185.

ANDRONICUS of Rhodes, a peripatetic philosopher, and preserver of the works of Aristotle, flourished A.C. 65.

ANELLO, THOMAS, or Massaniello, the fisherman of Naples, born 1623. He obtained supreme power, and was assassinated 1666.

ANEURIN, an ancient British bard, died about A.C. 570

ANGELIC KNIGHTS OF ST. GEORGE. Order instituted in Greece, 456.

ANGELITES, an heretical sect that first appeared in 494.

ANGELO, the name of three celebrated painters.—See BUONAROTTI, CARAVAGGIO, and CAMPIDOGGIO. Michael Angelo Buonarotti, the most eminent, was born 1474, and died 1563, in his 90th year.

ANGLES, a people who possessed a part of Mecklenburgh, as far as Lubeck, came into England about 447; hence it was called Angleterre, or England.

ANGLESEA, an island of North Wales, in the Irish Sea. Said to have been the grand establishment of the Druids in Britain, and the seat of the arch-druid till the time of Suetonius Paulinus, who, about A.D. 59, made a descent upon it, cut down the sacred groves, and burned the druids in the fires of their own altars. The Britons, however, again got possession of the island; and it was Julius Agricola who completed its reduction to the Roman dominion in 79. In the fifth century the British princes recovered their ascendancy in Anglesey; and, though occasionally subjected to the power of the Saxons, Danes, Irish, and Normans, it was regarded as the seat of the sovereignty of North Wales, till the final extinction of Welch independence by Edward I., in 1295.

ANGLO-SAXONS, first landed in Britain, 449. See BRITAIN, ANCIENT, and ENGLAND.

ANGOLA, in Africa, settled by the Portuguese, 1482.

ANGUELLA, or Snake Island, West Indies, discovered and colonized by England in 1650; attacked by pirates under Victor Hughes, 1796.

ANHALT ISLAND. Four thousand Danes repulsed by 150 British, March 27, 1811.

ANIMAL MAGNETISM made its appearance in France, 1788; introduced into England, 1789; exploded, 1791; revived in France, 1836, and occasionally patronized in England. Examinations of M. Berna and others who patronize this pretended science before the Royal Academy of Medicine at Paris, August 8 and 22, 1837.

ANIMALS, CRUELTY TO. The act 5 and 6 Will. IV. c. 59, 1835, consolidates and amends the several laws relating to the cruel and improper treatment of animals, and the mischiefs arising from the driving of cattle, and to make other provisions in regard thereto; reciting that frequent accidents arise from improperly driving cattle, and many and great cruelties are practised by improperly driving and conveying cattle, &c., to the great and needless increase of the sufferings of dumb animals, and to the demoralization of the people, and whereby the lives and property of his Majesty's subjects are

greatly endangered and injured. It enacts that any persons wantonly and cruelly beating, or otherwise ill-treating any cattle. &c., or improperly driving the same whereby any mischief shall be done, shall upon summary conviction, be fined not less than 5*s.*, nor more than 40*s.*; or, in default of payment be committed. And as cruelties are greatly promoted by persons keeping houses, rooms, pits, grounds, or other places for the fighting or baiting of dogs, bulls, bears, &c., it inflicts a penalty for keeping such places of not exceeding 5*l.*, nor less than 10*s.* per day; and the person who shall be the manager of such house shall be deemed the keeper. It directs every person impounding animals to find food, and gives a summary remedy for the recovery thereof from the owners. Penalties on parties neglecting to feed impounded cattle, 5*s.* per day. And whereas great cruelty is practised by reason of diseased, old, and worn-out horses, sold or taken to knackers or slaughtermen, &c., compels any such slaughterman to take out a license, under a penalty of not exceeding 5*l.*, nor less than 10*s.*; and such horses must be slaughtered within three days after purchase, and in the meantime be provided with food, under a penalty not exceeding 40*s.*, nor less than 5*s.* per day.

ANICH, PETER, a Tyrolese peasant, astronomer, and geographer, born 1723, died 1766.

ANJAR, fortress of, East Indies, taken by East India Company, February, 1616.

ANJOU, France, university at, founded 1349; enlarged 1364.

ANNAT, F., a French Jesuit, and learned author, born 1590, died 1670.

ANNE, Queen of England, last of the Stuart family, born at Twickenham, 1665; married to prince George of Denmark, 1683, by whom she had eighteen children, all of whom died young; came to the throne, March 8, 1702; crowned, April 13 following; lost her son George, duke of Gloucester, by a fever, July 29, 1700, aged eleven; lost her husband, who died of an asthma and dropsy, October 28, 1708, aged 55. The queen died of apoplexy, August 1, 1714.

ANNE of Cleves, one of the wives of Henry VIII., after being divorced, returned to her own country, and died 1557.

ANNE of Beaujeu, Regent of France, daughter of Louis XI., wife of the duke of Bourbon; died 1522.

ANNET, PETER, pillored for his deistical writings; died 1778, aged 75.

ANNIBAL—See **HANNIBAL**.

ANNUITIES for life, regulated 1777.

ANNUITIES, or pensions, first granted 1512, when 20*l.* was given to a lady of the court for services done, and 6*l.* 13*s.* for the maintenance of a gentlewoman, 1536; and 13*l.* 6*s.* 8*d.* a competent sum to support a gentleman in the study of the law, 1554. Annuities on lives are now become a matter of commercial speculation.—See **LIFE ANNUITIES**.

ANNUNCIATION of the Virgin Mary observed, 350.

ANOINTING first used at coronations in England, 872; in Scotland, 1097.

ANQUETIL DU PERRON, ABRAHAM HYACINTHE, a famous orientalist; born 1731, died 1805.

ANSELM, archbishop of Canterbury, born 1033, at Aost, a town in Savoy. In 1092 he was invited over to England. When the kingdom was invaded by Robert duke of Normandy, in 1101, Anselm by his exhortations, example, and authority, preserved Henry on the throne. He is reported to have wrought many miracles, both before and after his death, which happened at Canterbury, 1109, aged 76.

ANSGAR, the apostle of the North, introduced christianity into Sweden and Denmark; born 800, died 865.

ANSON, GEORGE LORD, an eminent English naval commander born in 1697. In 1724, he was raised to the rank of post captain, and to the command of the Scarborough man-of-war. Between this time and 1733, he went with ships under his command three times to South Carolina, where he erected a town bearing his name, the country around which has been since called Anson County. In 1740, he was appointed to the command of a squadron destined to annoy the enemy in the South seas. He sailed from St. Helen's September 18, in the Centurion of 60 guns, with the Gloucester and Severn of 50 guns each, the Pearl of 40, the Wager storeship, and the Tryal sloop. He arrived in the latitude of Cape Horn about the middle of the vernal equinox, 1741, and in such tempestuous weather, that his strength was diminished by the putting back of the Severn and Pearl, and the loss of the Wager storeship.

Having at Juan Fernandez repaired his damages, and refreshed his men, he kept, for eight months, the whole coast of Mexico and Peru in alarm, made several prizes, took and plundered the town of Peyta. At length, with the Centurion only, he traversed the vast extent of the Pacific Ocean, a three months' voyage, and with difficulty reached the island of Tinian one of the Ladrões.

1742. Mr. Anson put to sea again, and on the 12th of November, after a great variety of adventures, he arrived at Macao, at the entrance of the river of Canton. Returning home he fell in with a rich galleon, on her passage from Acapulco to Manilla, which he captured; the treasure on board was said to amount to £313,000. He arrived at Spithead, June 15, 1744, having completed the circumnavigation of the globe, and brought back great riches, taken from the enemy, though unforeseen disasters had defeated some of the principal purposes of his enterprise.

On his return, Mr. Anson was made rear-admiral of the blue; and in a short time after, a commissioner of the admiralty, and rear-admiral of the white; and in the year 1746, vice-admiral. In 1747, he was raised to the peerage by the title of Lord Anson, baron of Sober-ton in the county of Southampton. In 1751, he was appointed first lord of the admiralty, in which post he continued with a very short intermission till his death, which happened June 6, 1762.

ANSON, frigate, 44 guns, wrecked in Mount's Bay, Cornwall; when Capt. Ledyard and many of the crew perished, Jan. 7, 1808.

ANSLEY, CHRISTOPHER, an humorous poet, author of the *New Bath Guide*; born 1724, died 1805.

ANTARCTIC OCEAN, expanse of water, surrounding the South Pole, but little known. In 1819, Captain Smith discovered land lying between long. 55°, and 65 w., and beginning at lat. 62°. An expedition for discovery in this ocean, as well as the Pacific, was fitted out by the United States, in the year 1836.

ANTEDILUVIANS, general name for all mankind who lived before the flood, including the whole of the human race, from Adam to Noah and his family. The following table exhibits a summary of this chronology, according to the Hebrew, the Samaritan, the Septuagint, and Josephus:—

Ages of the Antediluvian Patriarchs at their Sons' birth.

	Heb.	Sam.	Sept.	Jos.
Adam	130	130	230	130
Seth	105	105	205	105
Enos	90	90	190	90
Cainan	70	70	170	70
Mehalaleel	65	65	165	65
Jared	162	62	162	62
Enoch	65	65	165	65
Methuselah	187	67	187	187
Lamech	182	53	188	182
Noah's age at the flood	600	600	600	600
To the flood					1656	1307	2262	1556

ANTHEMS, introduced into the reformed church in the reign of Elizabeth; first used 386.

ANTHÆUM, at Hove, Sussex, dome of, fell in Aug. 30, 1833.

ANTHONY, St., the Great, born in Egypt, 251, died 356, aged 105.

ANTHONY, St., of Padua, born Aug 15, 1195, died June 13, 1231.

ANTHONY, St., in Hainault, order of knighthood instituted in Germany, 1282; in Ethiopia, 357.

ANTI-SLAVERY SOCIETY, for the abolition of Slavery and the slave-trade throughout the world. This new society was formed at a meeting of delegates and friends to the cause, assembled from various parts of the united kingdom, held at Exeter Hall, the 17th and 18th of April, 1839. The following are the fundamental principles of the Society:—"That so long as slavery exists there is no reasonable prospect of the annihilation of the slave-trade, and of extinguishing the sale and barter of human beings: that the extinction of slavery and the slave-trade will be attained most effectually by the employment of those means which are of a moral, religious, and pacific character; and that no measures be resorted to by this Society in the prosecution of these objects but such as are in entire accordance with these principles." The Society is under the management of a treasurer, a secretary, and a committee of not less than twenty-one persons, who are annually elected. See further the article SLAVERY.

ANTIMONY, before the 14th century, had no place in medicine, but was brought into vogue by Paracelsus, about 1520.

ANTIQUARIES, SOCIETY OF, at London, incorporated Oct. 26, 1751.

ANTIQUARIAN SOCIETY, at Edinburgh, instituted Dec. 18, 1780.

ANTIQUARIAN SOCIETY, at Newcastle, 1812.

ANTIGONUS, one of the generals of Alexander the Great. Defeated Ptolemy and assumed the title of king, A. C. 306. At Ipsus a decisive battle was fought, in which Antigonus fell, in the 84th year of his age, A. C. 301.

ANTIGONUS, GONATUS, grandson of the former, died about the 80th year of his age, and the 44th of his reign, 243.

ANTIGUA, Island, West Indies, first settled by Sir Thomas Warner, with a few English families, in 1632. In 1666 a French armament, from Martinique and Guadaloupe, assisted by some Caribs, got temporary possession of the island, and plundered the planters, but were afterwards expelled, and the island confirmed to the British by the treaty of Breda, in 1688. In 1706, Colonel Daniel Parke succeeded to the government of Antigua; in 1710, the colonists rose, *en masse*, in arms against him. He was then dragged into the street and murdered.

Serious disturbances took place in the island in 1831, the cause of which is stated to have been the stoppage of the Sunday Negro market for provisions and live-stock. An act passed the Island Assembly, Feb. 13, 1834, and was ratified by the Council two days after, decreeing the emancipation of every slave in the island on the 1st of August, 1834. In 1835, July 12 and 13, the islands of Antigua and St. Kitts were visited by a violent hurricane, causing the loss of many lives, and an extensive destruction of property. The Governor of Antigua permitted the importation, duty free, for six months, into the island, of provisions and building materials, as some alleviation of the calamity.

ANTINOMIANS, certain heretics who maintained the law as of no use or obligation under the gospel dispensation, took their origin from John Agricola, about the year 1533.

ANTIOCH, the ancient metropolis of Syria, founded A. C. 300, by Seleucus Nicator, was one of the most celebrated cities of antiquity. It continued to be as Pliny calls it, the queen of the east, for nearly 1600 years. Nevertheless it has undergone many calamities. About A. C. 145

being very much disaffected to the person and government of Demetrius the king, he found himself obliged to solicit assistance from the Jews. The inhabitants ran to arms, and surrounded the king's palace to the number of 120,000, with a design to put him to death. All the Jews hastened to his relief, fell upon the rebels, killed 100,000 of them, and set fire to the city.

On the destruction of the Syrian empire, A. D. 65, Antioch fell under the Roman dominion. In 242 it was taken and plundered by Sapor king of Persia; and also again a few years afterwards. In 260 being taken by the Persian monarch a third time, he not only plundered it, but levelled all the public buildings to the ground. About the time of the division of the Roman empire by Constantine in 331 it was afflicted with a grievous famine, so that a bushel of wheat was sold for 400 pieces of silver.

Antioch suffered from earthquakes in the years 458 and 526; but when Chosroes, king of Persia invaded Syria in 540, the city disdainful of the offer of an easy capitulation, was taken by storm, and the inhabitants slaughtered with unrelenting fury. It was almost entirely destroyed by an earthquake in 587, by which 30,000 persons lost their lives. In 634 it fell into the hands of the Saracens, who kept possession of it till the year 858, when it was surprised by one Burtzas, and again annexed to the Roman empire. In the tenth century the Turks seized upon it as well as the whole kingdom of Syria. From them it was again taken by the crusaders in 1098. In 1262 it was taken by Bibaris, sultan of Egypt, who put a final period to its glory. It is called by the Arabs Antakia, and is now no more than a ruinous town.

It is worthy of remark, that Antioch was much celebrated in the early ages of the Christian church. Here Paul and Barnabas preached a considerable time, and it was here that the disciples of Christ first received the denomination of Christians.

There were many other ancient cities which bore the name of Antioch; of these the most remarkable was that usually denominated Antioch of Pisidia, mentioned in Acts xiii.

ANTIOCHUS, the name of several kings of Syria.

ANTIOCHUS, ASIATICUS, seizes a part of Syria, A. C. 69.

ANTIOCHUS, CYZICENUS, took possession of Syria, A. C. 112; was defeated, and killed himself, A. C. 94.

ANTIOCHUS, EPIPHANES, defeated Ptolemy's generals, A. C. 171; took Jerusalem, and committed great cruelties there, 170.

ANTIOCHUS THE GREAT, took Sidon, A. C. 198; was defeated and slain, 187.

ANTIOCHUS, PIUS, defeated by Philip, A. C. 91.

ANTIOCHUS, SIDETES, king of Syria, defeated and slain, A. C. 130. See SYRIA.

ANTIPATER, a Macedonian statesman; born A. C. 398, died 318.

ANTISTHENES, a Grecian philosopher, born A. C. 424.

ANTOINETTE, MARIE, the unfortunate queen of Louis XVI., born at Vienna, 1725; beheaded 1793; her bones disinterred at La Madelaine, and laid in St. Denis with the monarchs of France, Jan. 18, 1815.

ANTONINES, a religious sect that first appeared in 329.

ANTONINUS, PIUS, the Roman emperor, born at Lanuvium in Italy, in 86. Nominated by Adrian February 26, 138; and on July 10, succeeded to the empire, amidst the universal acclamations of the senate and people. The reign of Antoninus was singularly peaceful, and realized a saying of Scipio, "That he preferred saving the life of one citizen, to destroying a thousand enemies." He died in 161, in the 74th year of his age, and in the 23rd of his reign.

ANTONINUS, MARCUS AURELIUS, the Roman emperor, was born at Rome, 121. In the year 139, he was adopted into the family of the emperor Pius, on which he behaved in such a manner as endeared him to that prince and the whole people. Upon the death of Pius, which happened in the year 161, he was obliged by the Senate to take upon him the government with Lucius Verus. They discharged that office in a very amicable manner; but the happiness which the empire began to enjoy under these two emperors, was interrupted in the year 162, by a dreadful inundation of the Tiber, which destroyed a vast number of cattle, and occasioned a famine at Rome. The Romans having gained a victory over the Parthians, who were obliged to abandon Mesopotamia, the two emperors tri-

umphed over them at Rome, in 166, and were honoured with the title of fathers of their country. In the year 179, two years after his return to Rome, M. Antoninus marched against the Marcomanni and other barbarous nations, and the year following gained a considerable victory over them. He died March 17, 180, in the 59th year of his age, and 19th of his reign.

ANTONINUS'S WALL, the third rampart, or defence, that had been built or repaired by the Romans, against the incursions of the North Britons. The first barrier erected by the Romans, was the chain of forts made by Agricola, from the Frith of Forth to that of Clyde, in the year 81, to protect his conquests from the inroads of the Caledonians. The second was the vallum, or dyke, flung up by Adrian in the year 121. The great number of inscriptions which have been found in or near the ruins of this third wall, or rampart, to the honour of Antoninus Pius, leave no room to doubt its having been built by his direction and command.

ANTONY, MARC, was born A. C. 86. Cæsar having made himself master of Rome, gave Antony the government of Italy. At the battle of Pharsalia, A. C. 48, Cæsar confided so much in him, that he gave him the command of the left wing of his army, whilst he himself led the right. His ill treatment of Octavianus, and quarrel with him, produced another civil war, which ended in an accommodation between him, Octavianus, and Lepidus, fatal to the peace of Rome. The famous battle of Actium, fought A. C. 31, against the advice of Antony's best officers, and chiefly through the persuasion of Cleopatra, who was proud of her naval force, put an end to his hope of attaining the government. Distracted with disappointment and vexation, he returned to Egypt, and lived for some time in gloomy solitude; but Cleopatra by her arts drew him to her palace, and he resumed his former voluptuous life. He expired in her arms A. C. 30. in the 56th year of his age.

ANTONY ST., THE GREAT, See ANTHONY.

ANTWERP, first noticed, 517; walled, 1201 and 1514; citadel erected by the duke of Alva, 1568; sacked, 1585; taken by the French, 1792, evacuated 1794, but returned the same year besieged by the English, 1814; again besieged by the

French, taken, and restored to the Belgians, 1832. See BELGIUM. Its commerce suffered much in 1831 and 1832, from the hostilities between the Belgians and the Dutch.

APELLES, the most celebrated painter of antiquity, was born in the isle of Cos, and flourished in the fourth century before Christ. He was painter of the Venus Anadyomene, and of Alexander in the Temple of Diana, at Ephesus. He was the contemporary and favourite of Alexander the Great, who forbade all others to paint him, and gave him one of his own mistresses, with whom the artist had fallen in love.

APICIUS, the Roman gourmand, who having expended near a million of money on his appetite in the course of a few years, poisoned himself when he found he had only £20,000 remaining, lest he should die of want.

APOCALYPSE, the name of the last of the sacred books of the New Testament; according to Irenæus, written about the year 96, in the island of Patmos, whither St. John had been banished by the emperor Domitian. Many churches in Greece, as St. Jerome informs us, did not receive this book as canonical; but Justin, Irenæus, Origen, Cyprian, Clemens of Alexandria, Tertullian, and all the fathers of the fourth, fifth, and the following centuries, quote the Revelation as a book then acknowledged to be canonical.

APOCRYPHA, such books as are not admitted into the canon of Scripture. They are fourteen in number, viz. 1 Esdras, 2 Esdras, Tobit, Judith, the rest of Esther, Wisdom of Solomon, Ecclesiasticus, Baruch, with the Epistle of Jeremiah, the Song of the Three Children, Susannah, Bel and the Dragon, the Prayer of Manasses, 1 Maccabees, and 2 Maccabees. None of these were ever received by the Jews; nor does Origen in the third century, or Epiphanius in the fourth, in the least acknowledge their authenticity.

The Apocrypha was first supposed canonical in the ninth and tenth centuries; but its divine authority was never publicly assumed but by the preposterous decree of the Council of Trent. Its history ends A. C. 135.

APOLLO, frigate, and forty West-indiamen, lost off the Portuguese coast, April 2, 1804.

APOLLO, TEMPLE OF, at Delphos, built A. C. 434

APOLLODORUS, the Athenian painter, flourished A. C.

APOLLODORUS, an eminent architect who flourished A. D. 104.

APOLLODORUS, a grammarian of Athens, flourished A. C. 148.

APOLLONIUS, the mathematician, flourished A. C. 242.

APOLLONIUS, RHODIUS, historian of the Argonautic expedition, flourished A. C. 246.

APOLLONIUS, TYANEUS, a Pythagorean philosopher, who flourished in the beginning of the first century.

APOTHECARIES, first mentioned in history, 1345; exempted from serving civil offices, 1702; their practice better regulated, 1815.

APOTHECARIES' COMPANY, London, incorporated 1617, that of Dublin, 1791.

APPARITORS, first instituted 1234.

APPEALS TO THE POPE, from England, first made, 1138; forbidden, 1532.

APPIAN, the historian, flourished in the reigns of Trajan and Adrian.

APPIAN WAY, from Rome to Capua, constructed A. C. 313, by Appius Claudius, when he was censor; afterwards it extended to Brundisium.

APPIANI, ANDREA, a Milanese painter of history and portraits. Napoleon sat to him, and appointed him his painter. Born 1754, died 1818.

APPIUS CLAUDIUS, a cruel arrogant patrician, one of the Decemviri, died A. C. 448.

APRICOT TREES, first planted in England, 1540; Epirus is their native country.

APULEIUS, author of the Golden Ass, flourished in the first century of the christian era.

AQUATINTA, a method of engraving, by which tinted or washed drawings in Indian ink are imitated; invented, and practised in France, by M. Le Prince, about the year 1767.

AQUINAS, THOMAS, styled the Angelical Doctor, was born in the Castle of Aquino, in the Terra di Lavora, in Italy, in 1224, or 1225. He settled at Naples, where he spent the remainder of his life in study, in reading of lectures, and in acts of piety. Being summoned to a general council held at Lyons, to present a book which he had written, by order of Pope Urban IV., for refuting the errors of the Greek church, he died

in the monastery of Fossa Nova, on his way there, 1274. He was canonized in 1323. His works were printed in 1490, in 17 vols. folio.

AQUITAINE, erected into a principality, 1362; re-annexed to the French crown, 1730.

ARABIA, conquered by Mahomet, 622. Whahabee sect sprung up about 1801. See MAHOMET.

ARABLE LANDS restrained, and pastures enforced, 1534.

ARAM, EUGENE, a learned man, born in Yorkshire, 1704, executed for a murder committed fourteen years before, 1759.

ARATUS, of Sicyon, made prætor of the Achaean League, A.C. 251; reduces Corinth, and takes Megara, A.C. 243.

ARBELA, a city of Assyria, famous for the last and decisive battle between Alexander the Great and Darius Codomannus. This battle was fought A.C. 331, and the event of it determined the fate of the Persian empire.

ARBITRATION, an act for settlement of differences by, May 16, 1698.

ARBUTHNOT, JOHN, M.D., the friend of Swift, and a voluminous writer, died 1735

ARCESILAUS, founder of the Middle Academy, born in Æolis, A.C. 316, died of intemperance, A.C. 241.

ARCHANGEL, in European Russia, passage to, discovered 1553; injured by fire, 1763; 200 dwellings burned down, October 16, 1771; cathedral and other edifices burned, June 29, 1793; total of houses destroyed, 3,000.

ARCHBISHOPS were not known in the east till about 320. Athanasius was the first that used the title.

ARCHDEACON. The first appointed in England, was by Lanfranc, Archbishop of Canterbury, about 1076, though some say the title was so early as the fourth century.

ARCHELAUS, a Greek philosopher, flourished A. C. 440.

ARCHELAUS, son of Herod the Great, a cruel prince. He flourished in the reign of Augustus.

ARCHELAUS, king of Macedon died about A. C. 398.

ARCHERY, in use among the Greeks. Introduced into England by the Saxons, in the time of Vortigern; dropt immediately after the conquest, but revived by the crusaders, 1199, they having felt

the effects of it from the Saracens, who, probably, derived it from the Parthians. The English archers were celebrated above all others, as appears from the battles of Cressy, Poitiers, &c. The victory of Homildon against the Scots, 1402, was achieved by the archers entirely.

ARCHES OF STONE, St. Paul's church, London, built on. A mode of building unknown in England until 1187.

ARCHINDSCHAN, Turkey, destroyed by an earthquake, when 12,000 persons were buried in the ruins, 1784.

ARCHENHOLZ, J. W. VON, a voluminous German writer, born 1743, died 1812.

ARCHILOCHUS, of Paros, a writer of Iambic verses, who flourished A. C. 700.

ARCHIMEDES, one of the most eminent mathematicians and philosophers amongst the ancients; inventor of the sphere; born A. C. 287; slain, 212.

ARCHIPELAGO DEL ESPIRITO SANTO, discovered by Guirao, a Portuguese, sent from Peru in 1606. These islands are the Cyclades of Bougainville, and the New Hebrides of Cook.

ARCHITECTURE. This art was first carried to any considerable extent in ancient times by the Tyrians, about A.C. 700 (see Isaiah xxiii. 8). From them the Greeks derived it, and it was in its greatest glory under Pericles, about A. C. 429. The Romans borrowed the art from the Greeks, and the English from the Romans. The Saxons built some rude edifices here in the ninth century, and the Normans, after the conquest, improved on their style, and raised some magnificent ecclesiastical edifices in England. The Norman style differed from the Saxon in the greater dimensions of their buildings, in having more lofty and plain vaulting, circular pillars of greater diameter, and more richly ornamented carvings &c. The period of this style extends from the conquest in 1066, to the death of Stephen, in 1154.

The Gothic taste, which succeeded the Saxon, did not make its appearance in England till about 1189. Salisbury cathedral is of this style, and was finished in 1258. The Gothic architecture remained in vogue till near the end of the reign of Henry VIII., when the Grecian style took its place.

British architecture was a union of the two till about the reign of James I.,

when a greater degree of regularity was introduced, especially about the time of Inigo Jones, at the beginning of the seventeenth century.

ARCHONS, perpetual, established at Athens, A. C. 1070; decennial, 754; changed to annual, 684.

ARCHYTAS, of Tarentum, a mathematician and mechanist, constructed an automaton, invented the vice and pulley; flourished A. C. 408; perished by shipwreck.

ARCOT, in the East Indies, taken by the English, 1759.

ARCTIC EXPEDITION. The first sailed under Ross and Parry, 1817, returned November 5, 1818. The second sailed under Parry, in the Hecla, May 10, 1819. Lieutenant Beechy accompanied him in the Griper. They returned in November, 1820. The third, under Lyon and Parry, sailed April 25, 1821, and Parry returned with the Hecla and Fury, October 29, 1823, and Lyon November 11, 1824. The fourth sailed October 25, 1825. The fifth, under Ross, sailed May 23, 1829; returned October 19, 1833.

Land Arctic Expedition, under Captain Franklin, 1826; under Captain Back, 1833. Captain Back sailed to explore the Wager River, June 28, 1836; returned, Sep., 1837. See **AMERICA**.

ARDOGHAN, fortress of, in Asia, surrendered to the Russian forces under major-general Berggmann, September 3, 1828.

ARDEES, in France. An interview took place here between Francis I., of France, and Henry VIII., of England, attended with great magnificence, 1520.

ARENDRT, MARTIN FREDERICK, a scientific European traveller, born at Altona, 1769, died at Venice, 1824.

AREOPAGUS, council of, established at Athens, A. C. 1507.

ARETINO, GUIDO, who invented the present musical notation by applying the first words of the following verses:—

“ UT queant laxis
REsonare fibris,
MIRA gestorum,
FAMuli tuorum,
SOLVE pollutis
LABiis reatum.”

By which he converted the old tetrachords into hexachords. He also invented lines and spaces in musical notation. He flourished about 1022.

ARETINO, PETER, an Italian poet, born 1492, died, 1557.

ARETINO, LEONARD, an Italian historian, born, 1370 died at Florence, 1443.

ARETUSI, CÆSARE, a famous Italian portrait painter. He flourished in the seventeenth century.

ARGAND'S LAMPS introduced generally in London, 1785.

ARGO, the first long ship built by the Greeks to carry the Argonauts, A. C. 1263.

ARGONAUTIC EXPEDITION, one of the greatest epochs or periods of history, said to be A. C. 1263, or 79 years before the taking of Troy. Some writers say A. C. 1225. According to the fable, the Argonauts undertook their famed expedition in order to find the golden fleece. The golden fleece means the treasure of the king of Colchis, pillaged by the Argonauts—the Syriac word, gaza, meaning fleece; but it is more generally admitted that Argo was the name of the first ship that was built (except the ark), and that it was therefore made a sign in the heavens; that the fable of the fleece originated in the fleeces sunk in the river Xanthus to collect the alluvial gold washed into that river from the adjacent mines.

ARGONAUTS of St. Nicholas, an order of knighthood instituted at Naples, 1382.

ARGOS, kingdom of, began A. C. 1586.

ARGOS, battle of, between the allies and Turks, A. D. 1683.

ARGYLE, MARQUIS OF, beheaded May 27, 1661.

ARGYLE, EARL OF, executed at Edinburgh, 1685.

ARGYLE, late duke of, died September 22, 1839, aged 72.

ARIANS, followers of Arius, a presbyter of the church of Alexandria, about 315, who maintained that the Son of God was totally and essentially distinct from the Father. The Arians were first condemned and anathematized by a council at Alexandria in 320, under Alexander, bishop of that city, who accused Arius of impiety, and caused him to be expelled from the communion of the church; and afterwards by 380 fathers in the general council of Nice, assembled by Constantine in 325. Notwithstanding, Arianism was not extinguished; on the contrary, it became the reigning religion, especially in the east, where it obtained much more than in the west. In 328 Arius was recalled from banishment by the emperor Constantine. In 335, Athanasius, his

zealous opponent, was deposed, and banished into Gaul, and Arius and his followers were reinstated in their privileges. The Arian controversy was introduced or revived by Whiston, in England, in the beginning of the 18th century.

ARION, a musician of Methymna, flourished A.C. 664 or 625.

ARIOSTO, the celebrated Italian poet, and author of Orlando Furioso, born at the castle of Reggio, Lombardy, in 1474; began his poem about 1504, published 40 cantos in 1516, and the whole 46 cantos in 1532. He died at Ferrara, July 6, 1534.

ARISTIDES, the Theban painter and scholar, and brother of Nicomachus, flourished A.C. 341.

ARISTIDES, surnamed The Just, an illustrious Athenian, was one of the most celebrated characters of his age for purity and integrity. He was present at the battle of Marathon, fought A.C. 490, and was next in command among the Athenians to Miltiades. The year following he was elected archon; but by the art of Themistocles, the high authority he had attained by his merits, was, at length, converted into an accusation against him, and he was accordingly banished by the ostracism. He died about A.C. 407, at an advanced age, universally regretted by the affectionate admiration of his country.

ARISTARCHUS, the Samian astronomer, flourished A.C. 967.

ARISTARCHUS, a famous grammarian, born at Samothrace, flourished A.C. 150.

ARISTIPPUS, founder of the Cyrenaic sect, flourished A.C. 380.

ARISTOBULUS, a peripatetic philosopher, flourished A.C. 120.

ARISTODEMUS, a musician and philosopher, flourished A.C. 614.

ARISTOMENES, the Messenian hero, flourished A.C. 689.

ARISTOPHANES, a Grecian comic poet, flourished A.C. 420.

ARISTOTLE, the most famous of all the Grecian philosophers, tutor of Alexander the Great, founder of the Peripatetic sect, born at Stagira A.C. 384. Philip, king of Macedon, having heard of his great reputation, sent for him to be tutor to his son Alexander, then about fourteen years of age. Philip erected statues in honour of Aristotle; and for his sake rebuilt Stagira, which had been almost ruined by the wars.

He is said to have poisoned himself A.C. 322.

ARITHMETIC. When this science was invented is unknown. About A.C. 600 it is said to have been brought from Egypt to Greece by Thales. About A.C. 300, the oldest treatise on arithmetic, extant, by Euclid (7th, 8th, and 9th books of his elements) appeared. In A.C. 220, Greek arithmetical notation was indefinitely extended by the octades of Archimedes.

A.D. 130. About this time was invented the sexagesimal arithmetic of Ptolemy, which was simplified and brought very near to the principle of modern arithmetical notation, by Apollonius about 220.

The common arithmetical notation by nine digits, and zero, was known at least as early as the 6th century in Hindostan. In 900 it was introduced by Mohamed ben Musa from Hindostan into Arabia. Generally used by Arabian writers in arithmetic and astronomy in the 10th and 11th centuries. About 1050 it was probably introduced by them into Spain.

The first known European work in which the Arabic figures in common use appear, is a translation of Ptolemy (in Spain) 1136. They were brought by Leonard of Pisa, from Bugia in Barbary to Pisa 1202; probably circulated by the Alphonsine tables 1252. This arithmetic was generally cultivated by the Tuscans, in the 13th and 14th centuries.

Treatises on this notation (de Algorismo) were published in many calendars in the 14th century: it was generally known and used in this country from the beginning of the 15th century. The calendar in Corpus Christi Library, Cambridge, for 1380, contains an account of the Arabic figures. Calendar for 1386 (in English), contains them throughout. This almanac is very splendid, and is full of the astrological, astronomical, and medical knowledge and prejudices of the period.

The oldest existing date is 1355. The first monumental date in Arabic numerals, is on a brass plate in the church at Ware, (on Ellen Wood), dated 1454. Date in Caxton's "Mirror of the World," (Arabic characters,) 1480. Date of the almanac of St. Mary's Abbey, Cupar, Angus, 1482.

The first printed book on algebra

and arithmetic, was by Lucas de Bargo, 1484. The science introduced into the university registers in England not before 1500. The first work printed in England on arithmetic, (*de Arte Supputandi*) by Tonstall, Bishop of Durham, was in 1522.

Decimal fractions were considered for the first time in La Disme of Stevinus, published 1590; this work was translated into English 1608; their theory and notation perfected by Lord Napier in his *Rabdologia* 1617. Continued fractions introduced by Lord Brounker, P.R.S., 1670.

About 1750 Arithmetic of Sines was completed by Euler. The theory had been hinted at by Christian Mayer in 1727. Since the latest of these periods, no improvement worthy of notice has been effected in relation to this science.

ARIUS, founder of the Arian sect: first promulgated his doctrines in 315, died 336. See ARIANS.

ARKWRIGHT, SIR R., inventor of spinning jennies, died Aug. 3, 1792.

ARMADA, SPANISH, the Invincible, a term applied to the armament fitted out by the king of Spain in the reign of Queen Elizabeth. It consisted of ninety-two galleons, four galliasses, thirty frigates, thirty transports of horse, and four galleys; on board of which were 8,350 mariners, 2,080 galley-slaves, and 19,290 land forces; the whole commanded by the duke of Medina Celi. To oppose this formidable Armada, the queen of England assembled a numerous fleet, the command of which she gave to Lord Howard of Effingham, admiral of England, assisted by Drake, Hawkins, and Forbisher. The Spanish Armada sailed from the river Tagus in Portugal on the 29th of May, 1588, but, being dispersed by a storm, rendezvoused again at the Groine in Galicia, from whence they set sail again on the 12th of July, and entered the English channel on the 19th; on the 21st a battle began, and a kind of running fight continued to the 27th. The English admiral finding he could make but little impression on the galleons, sent eight or ten fire ships among them, which put the Spaniards in the utmost confusion. They cut their cables immediately, and put to sea; and endeavouring to return to the rendezvous between Calais and Gravelin, the English fell upon them, and took several of their ships, where-

upon they all bore away for Scotland and Ireland. Here the rest of the fleet were dispersed by a storm. The Spaniards lost fifteen great ships, and 4791 men in the several engagements with the English fleet; seventeen ships, and 5,394 men were drowned, killed, or taken in the retreat, in the month of September. The loss of the English, was so inconsiderable, that none of our historians mention the loss of one ship.

ARMED NEUTRALITY of the Northern Powers against England, by the Empress of Russia, commenced 1780; revived 1800; dissolved by a British fleet.

ARMENIA, a country of Asia, probably derived its name from Aram, the son of Shem who, according to tradition, settled there, and peopled it with his descendants. Berossus makes one Sytha the first founder of this monarchy, whose successor Bardanes, he says, was driven out by Ninus, king of Assyria.

On the dissolution of the Median empire, by Cyrus, about A. C. 560, the kingdom was reduced to the form of a province, governed by Persian prefects or lieutenants. On the destruction of the Persian empire by Alexander the Great, about A. C. 333, it fell into the hands of the Macedonians, to whom it continued subject till the beginning of the reign of Antiochus the Great. Tigranes, however, the king's son, who had been delivered as a hostage to the Parthians, was restored to his kingdom, after his father's death, about A. C. 95; and entered into an alliance with Mithridates Eupator, against the Romans.

Armenia was subdued by the Romans under Pompey, about A. C. 65. From this time to the time of Trajan, it was governed by its own kings. By Trajan, however, Armenia Major was reduced to the form of a Roman province, A. D. 114; but it soon recovered its liberty, and was again governed by its own kings, in the reigns of Constantine the Great, and his successors, to whom the kings of Armenia were feudatories.

In the reign of Justine II., the Saracens subdued and held it till the irruption of the Turks, 755, who possessed themselves of this kingdom, and gave it the name of Turcomania. In 1472, Usan Cassanes, king of Armenia, succeeding to the crown of Persia, made Armenia a province of that empire, in which state it continued till 1522, when it was

subdued by Selim II., and made a province of the Turkish empire.

ARMINIANS, a religious sect which arose in Holland. They followed the doctrines of Arminius, a celebrated minister of Amsterdam, who first introduced his principles in 1591. The controversy which was thus begun, became more general after the death of Arminius, in the year 1609. The Arminians were treated with great severity, and many of them banished; but after the death of Prince Maurice, in the year 1625, the exiles were restored to their former reputation and tranquillity.

The Arminians are also called Remonstrants, from a humble petition, entitled their remonstrance, which, in the year 1610, they addressed to the states of Holland.

ARMINIUS, HERMANN, the deliverer of Germany from the Roman yoke, born A.C. 18, assassinated A. D. 21.

ARMINIUS, JAMES, a Dutch divine, founder of the Arminian sect; born 1560, died 1609.

ARMORIAL BEARINGS, introduced by the English nobles 1100, taxed, 1798—1808. See **HERALDRY**.

ARMORICA, Little Brittany. France was colonized by the Britons of this island, 387; Lesser Brittany continued a kingdom till 874, when it was changed to a duchy; it was reduced afterwards by Francis I.

ARMORER'S COMPANY, London, incorporated 1423.

ARMOUR. The body armour at the time of the conquest consisted indifferently either of a tunic, or of a jacket and breeches in one, composed of leather or cloth, covered sometimes with flat iron rings sewn horizontally and contiguously, sometimes with small perforated lozenges of steel, called *mascles*, from their resemblance to the meshes of a net. The general form of armour was afterwards but little changed, until mail was superseded by the complete casing of steel.

Scaled mail was in use about the 12th century, as there is a specimen of it in the seal of Alexander I. of Scotland, who began his reign in 1107. About the middle of the 13th century, interlaced or twisted chain mail, the rings of which were rivetted within each other, and therefore required nothing further to hold them together was introduced. The lance and the sword were still the

battle-axe became the favourite weapon of Richard I., and the *martel* and the *maul* were also among the offensive arms of chivalry.

The precise date at which armorial bearings and surcoats were first used, is a much controverted question. These were originally plain garments worn over the armour, but were afterwards splendidly emblazoned and richly embroidered. The monument in Westminster Abbey, of Aylmer de Valence, Earl of Pembroke, about 1315, is, perhaps, the first English effigy of a knight in complete mixed armour.

The full casing of steel began about the time of Edward the Black Prince, used at Crecy, 1346, and Poitiers, 1356. The circumstances which led to the adoption of complete harness of plates, are thus satisfactorily stated by D. Meyrick: "The reason of leaving off the hauberks, and substituting plate armour, was the weight of the chain-mail with its accompanying garments: indeed, it was so great, that sometimes the knights were suffocated in it when the heat was excessive; for, although the plate-armour was very heavy, it was less so than the court of mail with the wambais, the *plastron*, and the *surcoat*, because there was no need of either of the two former under a cuirass of steel; besides, if it was of well-tempered metal, it was neither pierced nor bent by the thrust of the lance, nor pushed into the body of the knight, as the *mailles* used to be, if the *wambais*, or *hoketon*, were ever wanting underneath."

The helmet, from being cylindrical, was first made conical, closed all round with a grating for breath and sight; then was introduced the moveable *vizor* in one piece, pierced as usual, and fastened on pivots, to the sides of the *besinet*, to raise at pleasure; and, at last, early in the fifteenth century, a covering for the face was invented of several overlapping plates, which were drawn up from the chin. This was the *beaver*, which, as being raised over the mouth, was probably so called, in contradistinction to the common *vizor*, from the Italian *bevere*, to drink.

The crest surmounting the helmet, with a flowing scarf, came first into fashion in the thirteenth century, but it does not appear that plumes of feathers were of earlier use than the beginning of the fifteenth century. The perfection of

common arms of knighthood; but the armour in this century, while small fire-arms were not yet in general use, or had not been rendered very efficacious, had a singular and unexampled influence upon the state of warfare. Defensive armour fell gradually into disuse about the middle of the fifteenth century, by the invention of fire-arms, which passed through a series of successive improvements, till they reached their murderous completion. See CANNON, FIRE-ARMS, &c.

ARMS, COATS OF, came in vogue in the reign of Richard I, and hereditary in families about 1192. They took their rise from the knights painting their banners with different figures, to distinguish them in their crusades; though some trace it higher, and say it originated in the common custom of primitive people painting their bodies with different figures, to distinguish them from each other. The lions in the English arms were originally leopards, so says a record of 1252. Formerly, none but the nobility bore arms; but Charles the Fifth having ennobled the Parisians in 1371, he permitted them to bear arms. This was followed in other places. See HERALDRY.

ARMS, FRENCH, first quartered with the English, 1358.

ARMSTRONG, JOHN, M. D., a poet and miscellaneous writer, born in Roxburghshire, Scotland, 1709, died 1779.

ARMY. The first standing one in modern times was established in France in 1445, by Charles VII.; in England by Oliver Cromwell, about 1654.

The troops were not clothed, whether feudatory or otherwise, at the public expense, till the eleventh year of Edward III. There was no uniform in the English army till the latter end of the reign of Henry VI., the men for that purpose wearing badges, engraved with the arms of their officers, of a form and texture resembling the badges now worn by watermen; and occasionally scarfs of a particular colour, were the only badges of uniform. In the reign of Henry VIII. white was the prevailing colour of the national uniform; under Elizabeth, dark green or russet, distinguished the infantry, while scarlet cloaks were worn by the cavalry

The army of England, at the battle of Waterloo, in 1814, amounted to 200,000 regular troops, exclusive of

about 100,000 embodied militia, a large amount of local militia and volunteers, to which might also be added a number of regiments employed in the territories of the East India Company, and in its pay. After the abdication and exile of Buonaparte, a rapid reduction of our military establishment was effected. The militia was disembodied; the regular force was reduced in 1817, to 92,000 men, and in 1819, to 69,000. Circumstances which afterwards arose in Europe, and in our own colonies, led to successive augmentations; and in 1831, the estimates were for 88,000 men; of whom 74,000 were infantry of the line, 5700 foot guards, 1300 dragoon guards, 7000 dragoons. This was independent of 18,000 men employed in India, and paid by the Company. The charge for these forces was 6,381,000*l.*, but of this sum 3,240,000*l.* consisted of half-pay, retired allowances, pensions, and other charges consequent on the former immense establishment. Of the vast host of volunteers called forth by the menaced invasion during the wars, some corps of yeomanry cavalry were all that remained, and most of these have been recently disbanded, their services being no longer deemed requisite to maintain domestic tranquillity.

ARMY PUNISHMENTS. Within the five years ending Dec. 31st. 1835, there had been punished by the lash 1440 men in Great Britain and Ireland, and 9591 had been imprisoned. Corporal punishment was inflicted on 1227 soldiers once only, on 172 twice, on 32 three times, on 7 four times, and on 2 five times. Of the 1440 who received corporal punishment, 825 were also imprisoned, namely 294 once, 203 twice, 170 three times, 88 four times, 46 five times, 10 six times, 8 seven times, 4 eight times, 1 nine times and 1 ten times. During the above five years, 415 men belonging to the Royal Marines received corporal punishment, namely, 322 once, 70 twice, 12 three times, and 1 five times; and 1115 men had been imprisoned, namely, 869 once, 171 twice, 56 three times, 17 four times, and 2 five times. Of the 1115 who had been imprisoned, 263 had also received corporal punishment; viz. 46 previous to imprisonment, 173 subsequent to imprisonment, and 44 both before and after imprisonment. A return has also been made of the number of cases in regiments and depots in Great Britain and

Ireland in which corporal punishment has been inflicted, specifying the offences for which it was awarded, since the issuing of the circular and letter, dated Horse Guards, 24th August, 1833, restricting the punishment of flogging to certain offences, indicated in the said letter. The offences were, mutiny, insubordination, and violence, or using or offering violence to superior officers, 270; drunkenness on duty 80, sale of or making away with arms, ammunition, accoutrements, or necessaries, 139, stealing from comrades 52, disgraceful conduct 47; total, 588. See FLOGGING.

ARMY, MEDICAL OFFICERS' BENEVOLENT FUND SOCIETY, 1820.

ARNE, MICHAEL, an English musician, died 1785.

ARNE, THOMAS AUGUSTINE, DR., a composer, born in London in 1704, died 1778.

ARNHEIM, Guelderland, taken by Bulow, and the garrison butchered November 30, 1813.

ARNOBIUS, of Sicca, Numidia, professor of rhetoric, flourished 303.

ARNOLD, BENEDICT, an American general, who deserted to the English, died in London, 1801.

ARNOLD, SAMUEL, a doctor of music, and composer, born 1739, died 1802, and buried in Westminster Abbey.

ARNOLD, CHRISTOPHER, the peasant astronomer, born near Leipsic, 1646, died 1695.

ARNOLD, JOHN, watchmaker, born 1744, died 1799

ARRAGON, erected into a kingdom, 912; united to the crown of Castile, 1479. See CASTILE.

ARRAY, First Commission of, for raising the Militia, 1422.

ARREST, vexatious ones prevented by an act passed May 17, 1733; for less than ten pounds forbidden 1779; for less than twenty pounds, or on a bill of exchange for fifteen pounds, 1810. The late act 1 and 2 Victoria, Aug. 1838, abolishes arrest, except the defendant is about to leave England, and in other cases; also extends the remedies of creditors against the property of debtors, &c.

ARRIAN, a Greek historian, who flourished in the 2nd century.

ARSACES, the name of several Parthian kings. The first laid the foundation of the empire A. C. 250.

ARSENAL, at Corunna in Spain, destroyed by fire, when 60 persons were

killed, and 50 wounded, March 11, 1794.

ARTAXERXES, the name of several monarchs of Persia. First, died A. C. 425. See PERSIA.

ARTEMIDORUS, a Greek geographer of Ephesus, flourished A. C. 104.

ARTEMISIA, Queen of Caria, widow of Mausolus. died A. C. 351.

ARTHUR, the celebrated British king, born at Tindagel, in Cornwall, about 453. Made his first appearance against the Saxons at the age of fourteen, being then king of Cornwall and Devon, 467, defeated the Northumbrian Saxons 491; again defeated the Northumbrian Saxons, on the river Dugles, near Wigan, in Lancashire, 494; defeated the revolting subjects of Ambrosius, and drove their leader into Wales, when he procured the possession of Brecknock and Radnorshire, which he erected into a kingdom, 497; again took the field, at the head of 15,000 men, and defeated the Saxons under Cérdic, near Boston, and soon after, a second time, near Gainsford, in 504.

508. Arthur succeeded Ambrosius in the government, and his name was terrible to the Saxons; he was crowned at Caerleon, and defeated the Northumbrians on the borders of the river Ribroit, which runs through Lancashire, being his tenth victory over the Saxons, and soon after, again defeated another army of theirs at Cadbury, in Somersetshire. The battle of Baden Hill, near Bath was fought in 511, where a most complete victory was gained by Arthur, wherein two of the Saxon chiefs were slain, and Cérdic was obliged to retire to an inaccessible post. Here Arthur slew 400 with his own hands.

512. He retired to York to regulate the affairs of the church. The bishopric of St. David's was founded by Arthur, 520, and Dubritius was the first bishop. Cérdic, the Saxon king, gave him battle, and defeated him at Cherdsey, in Buckinghamshire, 527. Cérdic subdued the Isle of Wight, and cruelly destroyed the inhabitants, 530. Modred, Arthur's nephew, surrendered a great part of Arthur's dominions to Cérdic, and was crowned king of the remainder, at London, 531.

533. Arthur discovering Modred's villany, raised forces, and after several battles in favour of Arthur, a decisive one was fought in 542, near Camelford, wherein both fell, and with Arthur, all

the hopes of the Britons. Arthur was buried at Glastonbury, aged ninety years, seventy-six of which were spent in continual exercise of arms. See BRITAIN, ANCIENT.

ARTICHOKES, first brought into England, 487.

ARTICLES, SIX, called also the six bloody articles, enforced by an act passed in the 31st year of Henry VIII, 1536. They were as follow:—1. The belief of transubstantiation. 2. A declaration that the communion in both kinds was not necessary. 3. That it was not lawful for priests to marry. 4. That vows of chastity were not to be broken. 5. That private masses were profitable. And 6. That auricular confession was necessary. If any person held opinions contrary to any of these articles, they were to be adjudged heretics, and burnt, and forfeit all their lands and goods, as in high treason.

ARTICLES OF RELIGION, 42 published without consent of parliament, 1552; the 42 reduced to 39, January, 1563; received the authority of parliament, 1571. 104 drawn up by archbishop Usher, for Ireland, 1615; established, 1634.

ARTICLES, LORDS OF THE, a state assembly in Scotland before the Union, 1707. They were thus chosen:—the bishops chose eight peers, the peers eight bishops, and these sixteen chose eight knights of the shire, and eight burgesses; to these were added eight great officers of state; in all forty. They prepared all matters for the parliament.

ARTILLERY. See CANNON.

ARTILLERY COMPANY, London, revived 1610.

ARTISTS, SOCIETY OF, Great Britain, incorporated, 26th January, 1765.

ARTOIS, COUNT D', brother to Louis XVI. of France, landed at Leith, Scotland, January 6, 1796; visited London March 27, 1799; set out for Paris to take possession of the crown of France, April 23, 1814. See LOUIS XVIII.

ARTS AND SCIENCES HOUSE, in the Adelphi, London, erected 1772.

ARTS AND SCIENCES, SOCIETY OF, at New York, 1765.

———— **ROYAL**, at London, established 1768.

ARUNDEL CASTLE, Sussex, built by the Saxons about 800.

ARUNDEL STREET, Panton Square,

destructive fire in, with loss of life, in 1833.

ARUNDEL, THOMAS, Archbishop of Canterbury; born 1353, died 1413.

ARUNDELIAN MARBLES, or **PARIAN CHRONICLE**, ancient stones where on is inscribed a chronicle of the city of Athens engraved in capital letters, in the island of Paros, A.C. 264. The characters are Greek. They take their first name from Thomas, Earl of Arundel, who procured them out of the east, or from Henry, his grandson, who presented them to the university of Oxford. The Arundelian Marbles in their perfect state, contained a chronological detail of the principal events of Greece during a period of 1318 years, beginning with Cecrops, A.C. 1582, and ending with the archonship of Diognetus, A.C. 264. But the chronicle of the last 90 years is lost; so that the part now remaining ends at the archonship of Diotimus, A. C. 354

They were brought to England about 1619, and placed in the gardens belonging to Arundel House in London. In the turbulent reign of Charles I., and the subsequent usurpation, the chronological marble was unfortunately broken and defaced. The upper part, containing 31 epochs, is said to have been worked up in repairing a chimney in Arundel House. In 1667, the Hon. Henry Howard, afterwards Duke of Norfolk, the grandson of the first collector, presented these remains of antiquity to the university of Oxford, and they have ever since been deposited in the public schools of that city. Several learned works have been published on this chronicle. In 1620, Selden published a small volume in quarto, including about 39 inscriptions copied from the marbles. Selden's work becoming very scarce, Bishop Fell engaged Mr. Prideaux to publish a new edition of the inscriptions, which was printed at Oxford in 1676. In 1732, Mr. Maittaire published a more comprehensive view of the marbles than either of his predecessors. Lastly, Dr Chandler published a new and improved copy of the marbles in 1763, in which he corrected the mistakes of the former editors. In 1788, their authenticity was questioned by Mr. Robertson, in a dissertation entitled "The Parian Chronicle." In 1789, a vindication of it was undertaken by the Rev. J. Hewlett, B.D., editor of a classical and elaborate edition of the Bible. On the appearance of this

vindication, the controversy almost instantly ceased, and the Parian Chronicle was re-established on the basis, on which it had always rested from the time of its first discovery.

ASAPH, ST., a native of North Wales, flourished 590.

ASAPH, ST., church built at the town of, 560; rebuilt, 1402.

ASBESTOS, or Cotton Stone, Pliny says, was spun universally in Cyprus, 150 years before his time. It has been found in Scotland; garments were made of it in 1760.

ASCANIUS, the son of Æneas, founder of Alba Longa, died A.C. 1139.

ASCENSION ISLAND, in the Atlantic Ocean, formerly uninhabited, discovered 1508: made a permanent station to accommodate British vessels, 1830.

ASCENSION DAY, first commemorated, 68.

ASCLEPIODORUS, a British prince, opposed to the Romans, crowned 235, slain 260.

ASCUE, ANN, burnt for heresy, (denying the real presence) in 1546. She was first racked at the Tower, in the presence of the Lord Chancellor, who, throwing off his gown, drew the rack himself so severely, that he almost drew her body asunder.

ASDRUBAL, a Carthaginian general, flourished A. C. 203.

ASH, DR. JOHN, author of an English dictionary and grammar, born 1724, died 1779.

ASHBY-DE-LA-ZOUCH, Leicestershire, Castle of, built, 1399.

ASHMOLE, an English antiquarian, founder of the Ashmolean Museum, Oxford, born 1617, died 1692.

ASIA. In this quarter of the globe, we trace the origin of the human race. The kingdom of Babylon was founded by Nimrod, called also Belus, the son of Cush, and grandson of Ham, A. C. 2245, rather more than a century after the flood, and two years after the confusion of Babel. About the same time, Assur, the son of Shem, led his companions from the plains of Shinar into the country afterwards called Assyria, where he built a city, known in the sequel by the name of Nineveh. See ASSYRIA and BABYLON. Nebuchadnezzar governed Babylon about A. C. 608. He subdued the Israelites and other neighbouring states, carrying away all their valuables, and

transplanting the inhabitants into his own dominions. The empire was conquered about A. C. 538, by Cyrus, king of Persia, who had already subjugated Media, the eastern parts of Asia, and the kingdom of Lydia. Alexander the Great, A. C. 311, defeated Darius, the Persian king, conquered all the provinces of Asia Minor, and took Tyre. His conquests were spread over Media, Persia, Syria, India, and a part of Scythia. The other countries of Asia arose to eminence at different periods. See the principal facts of their history under the respective heads.

There are still large tracts of country in Asia very little known. Indeed the interior was for ages almost as unknown as the African deserts. It was not till after the British became undisputed masters of India that satisfactory information could be obtained respecting this portion of the world. Since that period, the mountainous territories of Cabool and Candahar, the vast sandy plains of Mekran, have been illustrated by the missions of Elphinstone and Pottinger; while Turner and Moorcroft penetrated into the high interior tableland of Thibet. There still remained, however, a great terra incognita, respecting which our information rested chiefly upon the obscure reports of Marco Polo, and the meagre narrative of Goetz. In 1829, Lieutenants Conolly and Burns traversed the regions of Central Asia, by different routes. Lieutenant Conolly passed through Russia, and along the western shores of the Caspian and Tabreez, effecting a journey across Toorkistan and Affghanistan, and proceeded from Tabreez to Astrabad, where he arrived in April 1830. He travelled through Khiva, Bokhara, and Cabool. Crossing the pass of Akrobat, they left the dominions of modern Cabool, and entered Toorkistan, called Tartary by Europeans, and visited several cities but little known to Europeans.

Lieutenant Burns visited Tehran the modern capital of Persia. He traversed the scenes of Alexander's wars, of the rude and savage inroads of Jeugis and Timour, as well as of the campaigns and revelries of Baber; marched on the very line of route by which Alexander pursued Darius, whilst the voyage back to India took him to the coast of Mekran and the track of his admiral Nearchus.

At the same time northern Asia was explored by Professor Erman. "It would

be the most important result," says M. Erman, "of my travels, if the prejudices which make Siberia a barbarous and fearful place of exile, were to give way to the impression of an opposite character, which I experienced in these arctic regions. I travelled from Irkutsk to Ochotsk attended only by a single Cossack, through the midst of the Yakuts and Tonguses, and through Kamtschatka. I mixed continually with the natives. My astronomical and other instruments attracted much curiosity, and were thought to be of inestimable value, yet through the whole course of my journey, I never once experienced an insult, or an act of dishonesty."

ASIATIC SOCIETY, at Calcutta, founded by Sir W. Jones, January, 15, 1784.

ASIATIC SOCIETY, ROYAL, founded in 1820.

ASKEW, ANN. See ASCUE.

ASPARAGUS, first produced in England in 1608.

ASPERN, BATTLE OF, between Napoleon and the Archduke Charles, May 21, 1809.

ASSASSINATION PLOT, against William III., discovered by Pendergrass, February 14, 1696.

ASSASSINS,, or Assassinii, were originally a body of men who possessed ten or twelve cities about Tyre, and who chose themselves a king, in 1090; their profession was murder; the Tartars overcame them, killed their king in 1257, and the faction became extinct in 1473.

ASSAY-MASTER, established at Sheffield and Birmingham, 1773.

ASSAYING of gold and silver legally established, 1354.

ASSES, FEAST OF, in France, held in honour of Balaam's ass, when the clergy at Christmas walked in procession, so as to represent the prophets. Suppressed early before 1445.

ASSESSED TAXES advanced in 1797; reduced, 1798; new ones added, 1801; reduced 1823; and farther, 4 & 5 Will IV., 1834, authorizes a composition; to continue for 5 years.

ASSIENTO CONTRACT, for supplying America with Slaves from Jamaica, began 1689; vested in the South Sea Company, 1713; resigned to Spain by the peace of 1748.

ASSIGNATS, ordered by the National Assembly of France, April 17, 1790.

ASSIZE of Bread, established in England, 1266. See BREAD.

ASSUMPTION OF THE VIRGIN, Festival of, instituted, 813.

ASSOCIATION, BRITISH. See BRITISH ASSOCIATION.

ASSURANCE, LIFE. See LIFE ASSURANCE

ASSURANCE COMPANIES, ROYAL AND LONDON. See COMPANIES.

ASSYRIA, kingdom of, began under Ninus, or Assur, the second son of Shem, about A.C. 2245; lasted about 1264 years. Sardanapalus was the last of the ancient Assyrian kings. Arbaces, governor of Media, withdrew his allegiance and rose up in rebellion against him, defeated the Assyrian army, and besieged Sardanapalus in his capital, Nineveh. Here, being driven to the last extremity, he retired to his palace, where he collected all his treasures, and setting fire to the splendid pile, was consumed in its ruins, A.C. 801. After the death of Sardanapalus, the Assyrian empire was divided into three kingdoms, namely, the Median, Assyrian, and Babylonian. Arbaces retained the supreme power, and fixed his residence at Ecbatana in Media. After the death of Assarhaddon, the brother and successor of Sennacherib, the kingdom of Assyria, was split, and annexed to the kingdoms of Media and Babylon. Several tributary princes afterwards reigned in Nineveh; but no particular account of them is found in the annals of ancient nations. Cyaxares, king of Media, assisted Nebuchadnezzar, king of Babylon, in the siege of Nineveh, which they took and destroyed, A.C. 606.

The Chaldean or Babylonish kingdom was transferred to the Medes, after the siege of Nabonadius, son of Evilmerodach, and grandson of Nebuchadnezzar; styled Belshazzar in the sacred records, and conquered by Cyrus, A.C. 538. Assyria has since successively belonged to the Romans, Parthians, Persians, Saracens, Turks; and at present is an almost useless part of the Persian empire. See BABYLON.

ASTAPIANS, a people of ancient Spain, who had acquired great wealth by robbery and plunder, being attacked by the Roman army, and conscious that, if defeated, they should have no quarter, determined to conquer or die. They carried their wealth into the market-place where they placed their wives and children, and such old men as could not bear arms surrounded them with a large

pile of faggots, and when they were beaten by the Romans, set fire to the wood, and cut in pieces those which escaped, so that every one perished, A.C. 209

ASTLEY, PHILIP, founder of amphitheatres in London, Paris, and Dublin; born 1742, died 1814.

ASTLEY'S AMPHITHEATRE and 19 houses destroyed by fire, August 17, 1794; and again, Sept. 2, 1803, when many houses were burned.

ASTORGA, in Spain, taken by the French, April 12, 1810; evacuated June 12, 1811; capitulated to the Spaniards, August 18, 1812.

ASTRACAN, Tartar town, belonging to Russia, taken by the Russians 1554, besieged by the Turks, 1559; incorporated with the government of Caucassus, 1785, and made a separate government, 1801.

ASTROLOGY, supposed to have originated either in Chaldæa or Egypt; the Greeks and Romans received it from the latter country, and the Europeans were instructed in the art principally by the Arabians. During the middle ages, there was scarcely a monarch or prince in Europe who had not astrologers at his court. King Edward VI. had his nativity cast, and Queen Elizabeth consulted Dr. John Dee, on the subject of determining an auspicious day for her coronation.

At the close of the seventeenth century, most physicians regulated the time and manner of their prescriptions by the prognostics of the stars; since then it has gone out of repute, except with the ignorant, who rely with implicit faith on the astrological predictions of Moore's almanac, &c.

ASTRONOMER ROYAL. Flamstead was the first, and resided at Greenwich; observatory built, 1676, by order of Charles II. Flamstead died, 1719, and was succeeded by Dr. Halley, who, dying in 1742, Dr. Bradley succeeded, and after him, the Rev. Mr. Maskelyne, in 1762.

ASTRONOMICAL OBSERVATIONS first made at Babylon, about A.C. 2250; tables made 1253.

ASTRONOMICAL SOCIETY instituted 1825.

ASTRONOMY AND GEOGRAPHY brought into Europe by the Moors of Barbary, 1201.

ASTRONOMY was probably the first science studied but when, or by whom,

is not known. It is generally ascribed to the Grecian colonies that inhabited Africa; learned by them from the Egyptians. Anaxagoras was the first that taught it, in the year that Xerxes entered Greece. About A.C. 2250, observations at Babylon were transmitted to Aristotle by Callisthenes (according to Porphyry). A.C. 1100, La Place speaks confidently of Chinese observations. A.C. 719, 720, eclipses of the moon were observed at Babylon, with accuracy. About A.C. 640, the globular form of the earth, the five zones, some principal circles of the sphere, the opacity of the moon, and the true cause of lunar eclipses taught, and an eclipse predicted by Thales of Miletus.

The earliest philosophic astronomer on record was Anaximander, born about A.C. 610. He is said to have been the inventor of maps and charts. He also maintained that the planets are unconnected with the earth; that they are the habitations of animated beings; that the fixed stars are the centres of other systems; and that the earth moves round the centre of the system of the world. About A.C. 556 was born Anaximenes, who maintained that the earth is a plane, and that the heavens are a firmament (*στέρεος*), or solid substance like the earth. He is said to be the inventor of sun-dials (though probably only the introducer of them into Greece).

Anaxagoras, born about A.C. 500, maintained that the ethereal, or upper regions of the atmosphere, were fire; that the fire drew up from the earth, and ignited masses of stone, which thus became stars; that the comets were wandering stars; that the light of small stars occasioned the white colour of the milky way, and that the moon is irregular in its surface, and habitable like the earth. His conjectures with regard to the milky way and the moon have been confirmed as far as the observations have been carried. The same philosopher was the first who wrote on the phases of the moon and eclipses. He was banished from Athens on a charge of insulting and contemning the gods, by teaching natural philosophy.

About A.C. 506, Pythagoras, the disciple of Thales, died. Like his master, he travelled into the east; and, like him, corrected the errors into which his countrymen had fallen. He demonstrated, from the varying altitudes of the stars by change of place, that the earth must

be round; that there might be antipodes on the opposite part of the globe; that Venus was the morning and evening star; that the universe consisted of twelve spheres—the sphere of the earth, the sphere of the water, the sphere of the air, the sphere of fire, the spheres of the moon, the sun, Venus, Mercury, Mars, Jupiter, and Saturn, and the spheres of the stars. He admitted the idea of a plurality of worlds, and even calculated the height of the people in the moon; and he maintained that the motions of the twelve spheres must produce delightful sounds inaudible to mortal ears, which he called the “music of the spheres.” He was persecuted, and is said to have perished with hunger at the age of 80.

Democritus, about A.C. 450, maintained the opinion that more planets would be discovered. The metonic cycle of 19 years, 7 months, as the period of coincidence in the motions of the sun and moon, was introduced 16th July, A.C. 433. Eudoxus died about A.C. 368, who estimated the lunar month at 29 days, 12 hours, 43 minutes, 38 seconds; and the year at $365\frac{1}{4}$ days. The same philosopher attempted to explain the planetary motions by a very complicated assemblage of concentric spheres.

A.C. 357. An occultation of Mars by the moon, and one of a star by Jupiter, were observed by Aristotle. About the same time, Pytheas of Marseilles is said to have travelled to Ireland, and seen the sun in the north. He determined the obliquity of the ecliptic at 23 degrees, 50 minutes, and is said to have been the first that observed the dependence of the tides upon the moon.

This may be considered as the termination of the first epoch in the history of astronomy; and though some of the conjectures made during it were sagacious enough, there were no great connecting principles. They had no idea of the distances of the heavenly bodies, or the means of ascertaining them; and they had no other notion of the stability of the system, but that of its being upheld by solid spheres. Only one attempt was made to account for the stability of the earth—that by Parmenides, who argued upon what is called the “sufficient reason;” that it had no reason to fall in one way rather than another, could not fall all ways at once, and therefore stood. In the next epoch, that during which the

school of Alexandria flourished, the first of these desiderata was supplied, and practical astronomy became a science; but it was reserved for modern times to supply the latter, and perfect the theory of this most sublime and beautiful branch of human knowledge.

A.C. 300. About this time Aristillus and Timarchus determined the positions of the stars with regard to the equator. About A.C. 280, Aristarchus first calculated geometrically the relative distances of the sun and moon, and also maintained the stability of the sun. About A.C. 240, Eratosthenes calculated the magnitude of the earth from the measuring of an arc of a meridian. The planetarium was constructed by Archimedes before A.C. 212.

A.C. 140 The whole science was revised, the true length of the year found, the equation of time pointed out, the motion of the moon’s nodes, and the inclination of her orbit, the latitudes and longitudes of more than a thousand stars determined, table of terrestrial latitudes and longitudes projected, and first meridian referred to the Canary isles by Hipparchus. After this, little was done for nearly 300 years.

A.D. 130. The second inequality, or “evection” of the moon was discovered, the places and distances of the planets accurately observed, the precession of the equinoxes confirmed, the system of epicycles for explaining the inequalities of the celestial motions introduced, and general tables drawn up by Ptolemy. The science was then neglected more than 600 years, when it was resumed by the Arabs about 800.

1001. Refraction of the atmosphere and cause of twilight explained by Alhazen. 1284. Alphonsine tables constructed under the patronage of Alphonso X., of Leon and Castile. 1437. Very accurate tables formed by Ulugh Beigh, a Tartar. 1500. Clock first used in astronomy by Walther.

1530. An important era in astronomy. The true doctrine of the celestial motions was revived by Copernicus. 1601. Observations greatly improved by Tycho Brahe, who died about this time. 1631. Kepler died. He discovered the true laws of the planetary motions. 1631. Transit of Mercury over the sun observed by Gassendi. About the same time Horrox observed the transit of Venus, and Bayer made his catalogue of the stars.

1642. Galileo died. He first used telescopes in astronomy, discovered innumerable stars, the satellites of Jupiter, a peculiarity in the form of Saturn, and many other phenomena. 1669. A degree of the meridian measured in France, and magnitude of the earth determined by Picart. 1670. A map of the moon constructed by Hevelius

1687. Newton's *Principia* published; in the third book of which he applies his doctrines to the heavenly bodies. 1688. Huygens died. He discovered the ring and fourth satellite of Saturn. 1688. History of the heavens, and catalogue of the stars completed by Flamstead, after thirty-three years' labour.

1696. Richer died. He discovered the inequalities of the pendulum in different latitudes. From these Huygens inferred the spheroidal figure of the earth. 1712. Cassini died. He discovered the four satellites of Saturn, the diurnal rotation of Jupiter, Venus, and Mars, the Zodiacal light, and other phenomena. In 1742, Dr. Halley died. He discovered the parallax of the sun, lunar theory, and laws of comets. 1747. Method of finding the longitude by the distances of the moon from the sun or stars. Approximate solution of the problem of the three bodies by Clairault. 1758. Re-appearance of Halley's comet.—See COMET.

1762 Dr. Bradley died. He discovered the aberration of the stars and mutation of the earth's axis, and investigated the law of atmospheric refraction. About 1780 celestial inequalities found to be periodical by La Grange.

1781. Uranus, or Herschel, with its six satellites, and two satellites of Saturn discovered; early observations of the motions of double stars; and the probable motion of the whole solar system towards the constellation Hercules,—by Dr. Herschel.

1799. *Mecanique Celeste* published, periods of the planetary inequalities investigated, and many improvements made by Laplace,

1801. Ceres discovered by Piazzi.

1802. Pallas, by Dr. Olbers.

1804. Juno, by Dr. Harding.

1807. Vesta, by Dr. Olbers.

1824 to 1828. Sir John Herschel made several new and important observations on the distances, appearances, &c. of the fixed stars. Many of them appear to have vanished from the heavens. The star 42 Virginis seems to be of this num-

ber, having been missed by Sir John Herschel on the 9th of May, 1828, and not again found, though he frequently had occasion to observe that part of the heavens. Sometimes stars have all at once appeared, shone with a bright light, and vanished. Many thousands of stars that seem to be only brilliant points, when carefully examined, are found to be in reality systems of two or more suns, some revolving about a common centre. Sir John Herschel has discovered that several of these systems of stars are subject to the same laws of motion with our system of planets: he has determined the elements of their elliptical orbits, and computed the periods of their revolution. November 18, 1833, Sir John Herschel proceeded to the Cape of Good Hope, to make observations on the stars in the southern hemisphere.

ASYLUM, near Westminster bridge, London, instituted 1758.

ASYLUMS for debtors abolished in London, 1696.

ATAHUALPA, or ATABALIPA, the last of the Incas, king of Quito, burnt by the Spaniards 1533.

ATHALIAH, wife of Joram, king of Judah, slain A.C. 877.

ATHANASIAN CREED, supposed to have been written 340.

ATHANASIUS, ST., bishop of Alexandria, born in 296, died May 2, 373.

ATHELSTAN, the natural son and successor of Edward the Elder. Succeeded, being Edward's eldest son, and was crowned at Kingston-upon-Thames by Athelm, archbishop of Canterbury, with far greater magnificence than usual, 925. A plot was formed to seize Athelstan, which was discovered and prevented. At the instigation of a courtier, Athelstan in 938, condemned his brother Edwin to be exposed in a boat, without oars, out of which the prince leapt into the sea and was drowned. The king felt remorse for his conduct; and to avert the vengeance of God, built Middleton abbey in Dorsetshire, and soon after ordered his adviser to the murder to be beheaded. He caused the Bible to be translated into the Saxon, which was then the mother-tongue. King Athelstan died at Gloucester, without issue, October 17, 941, and was buried at Malmsbury, having reigned fifteen years and some months. See ENGLAND.

ATHENAGORAS, Athenian philosopher, flourished 177.

ATHENODORUS, a Stoic philosopher, tutor to Tiberius, flourished A.D. 10.

ATHENS, one of the twelve cities in Attica, founded by Cecrops, in the time of Moses, A.C. 1571; kingdom of, begins A.C. 1556; council of Areopagus established at, 1507; Council of Amphictyons, 1497; royalty abolished, 1070, on which they were governed by magistrates called archons, Medon being the first; governed by nine annual archons, of which Cleon was the first, 684.

A.C. 480. City taken by Xerxes, 30 tyrants expelled, and democracy re-established, 401; taken by Demetrius, 297. A. C. 80, it was taken and despoiled by Sylla, who destroyed the harbour works, and it never after recovered its lustre.

A.D. 50. Athens was visited by the apostle Paul. In 420, paganism was abolished here, and Justinian even closed the schools of philosophy. In 1445, Athens became the prey of Omar, and was made an appendage of the Turkish empire. In 1687, it was besieged, and some of its noblest buildings destroyed by the Venetians; restored to the Greeks again in 1688.

1822. In the Greek war, the city was besieged and taken by the insurgent Greeks, but surrendered again in 1827. In 1830, it was included in the territory allotted to the new kingdom of Greece, and became the capital of that kingdom, and residence of the court of Otho I.

The most magnificent ruins of central Athens that still remain, are the perystyle of the Parthenon, the pœcile or lantern of Demosthenes; the tower of the winds; Adrian's gate, and a wall of a theatre. On the rock of the Acropolis are the remains of the renowned Parthenon, the frieze of which was stripped of its statues by Lord Elgin.

ATKYNS, SIR ROBERT, chief baron of Exchequer, born 1621, died 1709.

ATTALUS, king of Pergamus, inventor of parchment, born A.C. 198, bequeaths his dominions to the Romans, 133.

ATTAQUIA, in Syria, destroyed by an earthquake, with 3000 inhabitants, May 5, 1796.

ATTEBBURY, FRANCIS, bishop of Rochester, born 1662; sent to the Tower, August 24, 1722; banished, May, 1723; died, Feb., 1731; buried in Westminster Abbey.

ATTERBURY, DR. LEWIS, an Eng-

lish divine and sermon writer, born 1656, died 1731.

ATTICA. Theseus collects the twelve cities of Attica into one republic; establishes a democracy, and renews the Isthmian games A.C. 1234. Some say this happened in A.C. 1231.

ATTICUS, TITUS POMPONIUS, the friend of Cicero, died A.C. 54, aged 77.

ATTICUS, patriarch of Constantinople, died 427.

ATTILA, the Hun, surnamed "the Scourge of God," began his reign 433; overran Thrace, 442; murdered his brother, 444; ravaged all Europe, 447; was defeated by Aetius, 450; died of excess, 454. At his death, his kingdom was split into a number of small states, by his numerous children, who waged an uninterrupted war against each other for several years.

ATTORNEYS, maximum number allowed in Great Britain, in the reign of Edward III., 400; tax on, commenced in 1785; the number limited in Norfolk and Suffolk, and reduced from eighty to fourteen, 1754.

ATTRACTION, the first idea of, adopted by Kepler, 1605.

ATTWOOD, GEORGE, a celebrated mathematician and merchant, born 1746, died, 1807.

AUBIN, GABRIEL JACQUES DE ST. a French historical painter, and an engraver, born 1724, died 1770.

AUBREY, JOHN, F.R.S., an English antiquary, born 1626, died 1700.

AUCHMUTY, SIR SAMUEL, an English general, born 1756, died 1822, buried at Dublin.

AUCTION, the first in England, by Elisha Yale, governor of Fort George, East Indies, of the goods he brought home, 1700; tax on, commenced, 1779.

AUCTION MART, London, founded 1813.

AUDLEY, JAMES, LORD, an English hero, who served under Edward III., born 1314, died 1386.

AUDRAN, CLAUDE, a French historical painter, and professor at the Academy of Arts, born 1641, died 1681.

AUGEREAU, DUKE OF CASTIGLIONE, one of Napoleon's marshals, born 1757, died 1816.

AUGMENTATION of the king's revenue, a new court erected, Feb. 4, 1536—1704.

AUGSBURG, city of, Germany, and the capital of Suabia, celebrated for

the diet of the empire held here by Charles V. in person, 1530, at which the confederate princes who had protested against the act of the diet of Spires, were called protestants.

Here the celebrated Lutheran confession of faith was first drawn up by Melancthon, and presented to the emperor, and all the German princes. 1547, the emperor again held a diet in this place, for finally composing the controversies with regard to religion, which had long disturbed the empire. Before this diet he laid the system of doctrine known afterwards by the name of the Interim; and in 1548, he made his first attack upon this city, on account of the part it took in the opposition to this system. In 1550, a diet was summoned by the emperor, at this place, for further enforcing the observation of the Interim. Finally, the diet held here, 1555, settled the peace of Germany, by an act called the Recess.

Though the protestants were very powerful at Augsburg, they could not keep their ground, for the Bavarians afterwards drove them from thence; but Gustavus Adolphus restored them again in 1632; since which time they have continued there, and share the government with the catholics. In 1703, the elector of Bavaria took the city, after a siege of seven days, and demolished the fortifications.

Jews were not until 1805, admitted to live within the walls; but such as carried on business there, lodged in a village half a league from the city, and paid a certain tax for liberty of trading in it through the day.

AUGUSTIN, St., usually styled the apostle of the English, was originally a monk in the convent of St. Andrews at Rome. He was sent to Britain by Pope Gregory I., with 40 other monks of the same order, about the year 596, to convert the English Saxons to christianity. He resided principally at Canterbury, which thus became the metropolitan church of England; and having established bishops in several of the cities, he died May 26, 607.

AUGUSTINE, St. a celebrated christian divine, usually reckoned among the fathers of the christian church, was born at Thagaste, a city of Numidia, Nov. 13, 354. His mother, Monica, being a woman of great piety, instructed him in the principles of the christian religion.

At the age of sixteen, and in 371, he was removed to the schools of Carthage. In 383, he was chosen public professor of rhetoric at Milan. In 388, he retired into Africa; having obtained a garden-plot without the walls of the city of Hippo, he associated himself with eleven other persons of eminent sanctity, who distinguished themselves by wearing leathern girdles, and lived there in a monastic way for the space of three years. In 390, Valerius, bishop of Hippo, caused him to be ordained bishop of Hippo, by Megalus, bishop of Calame. He died Aug. 28, 430, aged 76.

AUGUSTINES, or, AUGUSTINIANS, an order of religion, thus called from St. Augustine. The Augustines or Augustine Friars, were originally hermits, whom Pope Alexander IV. first congregated into one body, under their general Lanfranc, in 1256. Soon after their institution, this order was brought into England.

AUGUSTUS, the Roman emperor, whose original name was Octavius, born A.C. 65, defeated Sextius Pompey, 36, and M. Antony, 31, received the title of Augustus, 27, then the power of imperator for ten years, next, the censorship. A. C. 24, the senate, by a solemn oath, on the 1st of January, confirmed to Octavius, the tribuneship and exemption from laws. A. C. 13, he assumed the office of Pontifex Maximus, and burnt all the pontifical books, being about 2000 in number, reserving only the Sibylline oracles. The ministers of Rome, were pontiffs and priests; the former elected from the patricians, the latter from the plebeans. In the days of Augustus, the pontiffs, originally four in number, had been increased to fifteen, of whom the president, or chief, was called pontifex maximus, or sovereign pontiff.

A.C. 8. Augustus corrected the calendar by ordering the twelve ensuing years to pass without intercalation; the month Sextilis received the name of Augustus by a decree of the senate. A.C. 2, he banished Julia, widow of Agrippa, to the little isle Pandatarium, off Campania, on account of her adulterous courses. Augustus died, A.D. 14.

AURELIAN, the Roman emperor, consulted the Sibylline oracles, 271; defeated Zenobia, 273; defeated Tetricus, tyrant of Gaul; and abandoned Dacia to the barbarians, 274; was assassinated, 275.

AURENG-ZEBE, the great mogul, born in 1618. In 1658, he conquered his brother Dara, took possession of the throne, July 20th, and was proclaimed emperor at the town of Eazabad, about six miles from Delhi. During his reign from 1660 until 1678, there prevailed through Hindoostan in general the most profound peace that had ever perhaps been known. Aureng-Zebe was employed in the conquest of the Deccan from the year 1678 to the time of his death, and was actually in the field during the greatest part of the last fifteen years of his life; he died Feb. 21, 1707, in the 90th year of his age.

AURICULAR CONFESSION, first made, 1215.

AURORA BOREALIS, a kind of meteor appearing in the northern part of the heavens, chiefly in the winter seasons, and when the weather is frosty. The first remarkable one in England of which any particular record is given, was that of November 11, 1574. Five small ones were seen in 1707 and 1708. The next remarkable one was March 6, 1716, which appeared for three nights successively. It was visible from the west of Ireland to the confines of Russia and the east of Poland, extending to about 30° of longitude over nearly the whole of the north of Europe, exhibiting every where the most extraordinary appearances. October 4, 1822, an aurora borealis was observed at Paris, in the northern part of the sky. It attracted the attention of great crowds, who stopped on the quays and bridges to observe the phenomenon. The great heat gave presage of a storm, which broke out some hours after. At dawn of day, the heavens were in a blaze, the thunder and lightning succeeding each other without interruption; the rain fell in torrents, mixed with hail, which broke the windows in many parts of the city, and killed a great number of birds in the public gardens.

In 1827, there were two appearances of this kind in England. The first, which was in February, was visible from the forest near Woodford, seven miles north-east of London. About eight o'clock it extended from the north-east to the north-west point, and was in height about fifteen degrees. The main body of it was of a faint greenish blue tint, and was vivid enough to cast a considerable shadow; near ten, strong rays of light in rapid succession, were seen darting up, in a

parallel direction, to about half the altitude of the pole star. Waves of phosphorescent light issued from the central part of the aurora in remarkably rapid succession. Another of these phenomena was observed on the 25th of September, 1827. The most singular part was exhibited in a north north-east direction, where, at about 30° above the horizon, was a small dense cloud, above which was a broad streak, curved, and about 10° in length, varying in colour from a deep copper hue to red; from this the corruscations were incessant and remarkably bright and luminous, proceeding from the west towards the east. These appearances continued till after midnight.

The last of these phenomena was that seen over good part of England, October 18, 1836. There first appeared a large luminous arch, extending nearly from north to south, from which streamers appeared very low, running from north-east to south-west, and increasing in number until they began to approach the zenith, apparently with an accelerated velocity. Suddenly the whole hemisphere was covered with them. This splendid scene, however, lasted only about forty seconds; the variety of colours disappeared, and the beams lost their lateral motion, and were converted as usual into flashing radiations, which kept diminishing in splendour until the whole disappeared, leaving only a pale white light near the horizon. During the aurora, which lasted about half an hour, the light of the stars was not refracted, numbers being occasionally seen through the luminous arch or beam.

AUSCULTATION, or the method of detecting diseases in the interior of the chest, by percussion of the knuckles, discovered by Avenbrugger, 1761.

AUSONIUS, the poet, died 394.

AUSTEN, MR., deputy treasurer of Greenwich Hospital, disappearance of, in consequence of the discovery of a deficiency in his accounts to the amount of 20,000*l.* Aug. 11, 1828.

AUSTERBURY, in Moravia, battle of, Dec. 2, 1805.

AUSTERLITZ, in Moravia, battle of, Dec. 2, 1805.

AUSTRALIA. See **NEW HOLLAND**.

AUSTRALIA, SOUTH, colonized under the act of parliament, 4 & 5 Will. IV. c. 75. The following are some of the leading provisions of the above bill,

passed in the parliamentary session for 1834, for the establishment of the South Australian colony. The whole of the territory within the prescribed limits, to be open to settlement by British subjects. The colony is in no case to be employed as the place of confinement of transported convicts. No waste or public lands to become private property save by purchase. The whole of the purchase money of waste or public lands to be employed in conveying labourers, natives of the British islands, to the colony.

AUSTRALIAN COMPANY, SOUTH, a joint stock company, established in 1836, for the purchase and improvement of land in the above colony. It was placed under the government of directors, with a capital of 500,000*l*. By the regulations of the commissioners of the colony, important advantages were offered to the early purchasers of lands, amongst which were the following: the selection of their own labourers and artisans; the reduced price of 12*s*. per acre, instead of 20*s*., to which price it was raised on the 1st of March, 1836; the right of purchasing one acre of land in the metropolis of the colony, for every 134 acres of country land; this town land being limited to 437 sections: the right of selection to purchasers of 4000 acres and upwards, &c. These and some other advantages were powerful inducements to the directors to enter largely into the early purchase of land; they therefore secured 13,770 acres, in which are included 102 acres of the land on which the first town is proposed to be erected; in right of which purchase they can rent on lease 220,160 acres for pasturage, at less than one farthing per acre. A supply of gold, silver, copper, and bank notes was forwarded to the colony some months ago, by separate ships, and all necessary arrangements made for carrying on banking operations upon as extensive a scale as the demands of the colony may require.

AUSTRIA, in the ninth and tenth centuries was the frontier of the emperor of Germany against the barbarians. In 928, the emperor Henry the Fowler, to oppose these incursions, invested Leopold, surnamed the Illustrious, with that country. Otho I. erected Austria into a marquisate, in favour of his brother-in-law, Leopold, whose descendant, Henry II., was created duke of Austria, by the emperor Frederic Barbarossa. His posterity becoming extinct in 1240, the states

of the country put themselves under the protection of Henry, Marquis of Misnia, but Othogar II., king of Bohemia, took possession of it. The emperor Rodolphus I., pretending a right to this duchy, refused to give Othogar the investiture of it, and afterwards killed him in battle; from this Rodolphus the house of Austria descended.

1477. Austria was erected into an arch-duchy, by the emperor Frederic the Pacific, for his son, Maximilian. His son, Philip, in 1496, marrying the heiress of Arragon and Castile, Spain fell afterwards under the Austrian sceptre. Charles V. inherited all these domains; but on his resignation, Spain, and the Netherlands, passed to his son, Philip II., and the former crown continued in the Austrian line till the close of the seventeenth century.

By the death of Charles VI., Oct. 20, 1740, without male issue, the house of Austria became extinct. The elector of Bavaria seized the kingdom of Bohemia, and was elected emperor in 1742, but died in 1745. Francis of Lorraine, son of Leopold, duke of Lorraine, having married Maria Theresa, daughter of the emperor Charles VII., succeeded to the Austrian dominions, which continue to be held by his descendants. On the successes of the French in Germany, Austria was humbled, but afterwards in 1804, erected into an empire under Francis, the first emperor. March 2, 1835, the emperor Francis I. died at one o'clock in the morning, in his 67th year.

Sept. 6, 1838. The ceremony of the coronation of Ferdinand, his successor, was performed at Milan, the capital of his Italian dominions; the iron crown of Lombardy having been brought in state from its sacred depository for the occasion. All the preparations were conducted with great magnificence, and many distinguished foreigners were present. The emperor promulgated an amnesty which remits the punishment of all state offenders and persons exiled for state offences are set at liberty, and allowed to return to their country.

1838. A very important treaty was concluded between Great Britain and Austria, thus further cementing the ancient and natural alliance between two countries, of whom it has been remarked, that for 150 years, they have always had the same enemies, though these enemies have not been the same. By this, all

Austrian vessels arriving from the ports of the Danube, as far as Galatz, inclusively, are, together with their cargoes, to be admitted to British ports, exactly in the same manner, as if such vessels came direct from Austrian ports. And the same privileges are extended to British vessels entering or departing from such ports.

AUSTRIAN NETHERLANDS, entered by the French, April 28, 1792.

AUTODAFAY, (the first) at Valladolid, May 21, 1559; the last was at Goa, in 1787.

AUTOMATON, a flying dove, the first made by Archytas, A.C. 408.

AVELLINO, a city of Naples, destroyed by an earthquake, November 29, 1732.

AVERROES, an Arabian philosopher, died at Morocco, 1217, or 1225.

AVERZOAR, or EBN-ZOAR, an Arabian physician, died 1169, aged 135 years.

AVICENNA, an Arabian philosopher, born 980, died 1036.

AVIGNON, University at, founded 1388; taken from the Pope by the French, 1769; restored on the suppression of the Jesuits, 1773; claimed by the French National Assembly, 1791; confirmed to France by the Congress of Sovereigns, 1815.

AXUM, the capital of Siris, in Abyssinia, now in ruins, flourished under Ptolemy Evergetes, 221 before Christ, was a royal city in the 6th century.

AXUM, Chronology of, the most authentic Abyssinian history, which, though defective in dates, is considered valuable. Among the modern Abyssinians, it stands next to the sacred writings, and though abounding with fabulous accounts of the origin and establishment of the empire, appears to coincide with and to corroborate many passages in sacred history. According to this book, there was an interval of

5500 years between the creation of the world, and the birth of Christ; and 1808 years before the last event, the empire of Abyssinia or Ethiopia received its first inhabitants.

AYLESFORD, the four great stones near it, are the tomb of Catigern, slain by Hengist, at the battle there, 455.

AYLMOUTH CASTLE, Northumberland, built 559.

AYSCOUGH, GEORGE EDWARD, a dramatic writer, died 1779.

AYSCOUGH, REV. SAMUEL, compiler of the index to Shakspeare, died 1805.

AZOF, in Russia, built by the Genoese, 1261; seized by Tamerlane, 1392; fell to Turkey, 1471; fortifications demolished, 1739; ceded to Russia, 1774.

AZORES, islands in the Atlantic, discovered by the Portuguese in 1449. They are in number nine; their names are, St. Michael, Santa Maria, Terceira, Fayal, Vico, Graciosa, St. George, Flores, Corvo. Terceira, the seat of government, is remarkable as the refuge of the Portuguese patriots. See TERCEIRA. In July 9, 1757, the Azores were visited by a dreadful shock of an earthquake, which was felt in most of the islands; it lasted about two minutes, when all the houses in Angra, capitol of Terceira were violently agitated. On the 10th, about ten in the morning, there was another shock, which was repeated about four in the afternoon, with the same violence, but of short duration. In the isle of St. George, 12 leagues from Angra, there was a shock on the same day, and at the same hour, when 1053 persons were crushed under the ruins of the houses. On the morning of the 10th, 18 new islands had risen at the distance of 100 fathoms northward of that island. The isles of Flores and Corvo were the only two that proved exempt from this disaster. It is supposed that 10,000 persons perished in this visitation.

B.

BABEL, Tower of, began to be built A.C. 2247, and continued building 40 years; when God confounded the builders' language, and dispersed them into different nations. Thence arose the difference of languages, the dispersion of the people 101 years after the

flood, and the forming of empires. From Japhet, the eldest son of Noah, sprung the inhabitants of the north of Europe and Asia, as well as those of the west. From Shem came the people of the east, as also those of Israel; and from Ham descended the Canaanites,

Philistines, Egyptians, and the ancient possessors of Africa.

BABEUF, FRANCIS NOEL, an active accomplice in the French Revolution, put to death, 1797.

BABINGTON, and 13 others, hanged for conspiring to assassinate queen Elizabeth, 1586.

BABINGTON, Dr. Gervase, bishop of Worcester, born 1550, died 1610.

BABINGTON, DR., an eminent English physician and medical writer, formerly Apothecary, and afterwards Physician and Lecturer on medicine and chemistry, at Guy's Hospital. His publications were, "A Systematic Arrangement of Minerals, 4to. 1795;" "A New System of Mineralogy, 4to. 1799;" some contributions to "Nicholson's Journal," and the "Medico-Chirurgical Transactions." Died at his house in Devonshire-street, Portland-place, April 29, 1833, aged 76.

BABOUR, Sultan, founder of the Mogul dynasty, died 1530.

BABYLON, City of, founded by Nimrod, A.C. 2245; walled, 1243; taken by Cyrus, 536, by Darius, after nineteen months' siege, 511. The gardens in the city of Babylon, were one of the seven wonders of the world; they were made on the top of a palace, there erected; the figure of the garden was square, each side four acres long; it bore trees of eighty feet high, and sixteen feet round, it was watered by the rain drawn up by machines. There is a fine ruin here, the tower of Belus. See **BELUS**.

BABYLON, kingdom of, had its origin under Nimrod, when the city was founded A.C. 2245; by the acquisition of the Assyrian and other states, it became the first great empire. Till the reign of Merodach Baladan, who conquered the King of Assyria, it was called the kingdom of Assyria. He made Babylon the capital, instead of Nineveh, and it was then called the kingdom of Babylon, about A.C. 748. Ben Merodach, his son, was the next king, he broke the league his father had made with the Jews, and imprisoned Manasses, their king, (who succeeded Hezekiah.) Nebuchadnezzar 1, (though many say this and the succeeding king, were one and the same) ascended the throne, his reign was short, and his successor was his son. Nabuchodonoser, or Nebuchadnezzar the Great, who killed Josiah, king of Judah, took

and burnt the city of Jerusalem, and put an end to the kingdom of Judea, he died A.C. 614. See **JERUSALEM**.

Evil Merodach, his son, was the succeeding king, and was assassinated by his sister's husband, and after an usurpation of about nine years, was followed by Belshazzar, supposed by some to be the Ahasuerus of Scripture. This prince divorced his wife Vashti, who according to Plutarch, was Pausatis, the mother of Artaxerxes, and married Hadassa, afterwards called Esther. He was slain by Darius the Mede, and thus ended the kingdom of Babylon, A.C. 570.

BABYLONISH CAPTIVITY. The first, by Nebuchadnezzar, A.C. 606; the second, at the time of the birth of Cyrus, A.C. 599.

BACCIO, DELLA PORTA, or Fra. Bartolomeo, di San Marco, a celebrated Italian history painter, born 1469, died at the convent of St. Mark, 1517.

BACHELORS' TAX, 1695; again, 1735 and 1796.

BACK, CAPTAIN, had the command of her majesty's ship Terror, on an expedition to the Polar Sea, sailed from England in June, 1836, with the intention of proceeding to Repulse Bay, or Wager Inlet, on the north-western shore of Hudson's Bay; thence an exploring party was to cross over the supposed isthmus to the Arctic Sea, with the hope of coasting along and determining the outline of the northern shores of America, but the physical obstacles which opposed themselves to this undertaking were utterly insurmountable, and therefore they were compelled to return.

August 29, 1837, they reached Lat. 65 deg. 50 min. S. Long. 82 deg. 7 min. W. This was their extreme north point within 40 miles of Winter Island, where the Hecla and Fury passed the winter of 1821—2. On the 3rd. of September, 1837, they arrived in Lough Swilly, not having let go their anchor since June, 1836.

BACKER, NICHOLAS DE, a portrait painter and friend of Kneller, born at Antwerp, 1648, died 1689.

BACKEREEL, OR BACQUERELLI, (William) a Dutch historical painter, fellow pupil with Vandyk under Rubens.

BACKHUYSEN, LUDOLPH, an eminent painter, born at Eubden, 1631, died, 1709.

BACKWAY, Hertfordshire, a fire at, destroyed thirteen dwellings, with stacks, offices, &c. Aug. 18, 1748.

BACON, **SIR NATHANIEL**, half brother to Lord Verulam, an eminent portrait painter, died after 1615.

BACON **ROGER**, a celebrated monk of the Franciscan order, was born near Ilchester, in Somersetshire, in 1214. He began his studies at Oxford; from whence he removed to the university of Paris. About the year 1240, he returned to Oxford; and assuming the Franciscan habit, prosecuted his favourite study of experimental philosophy with unremitting assiduity. His extraordinary talents, and astonishing progress in sciences, excited the envy and malice of his illiterate fraternity, who found no difficulty in possessing the vulgar with the notion of Bacon's dealing with the devil. Under this pretence, he was restrained from reading lectures; his writings were confined to his convent, and finally, in 1278, he himself was imprisoned in his cell. At this time he was 64 years of age. After 12 years' confinement, he obtained his liberty, and spent the remainder of his life in the college of his order, where he died in 1294, in the 80th year of his age.

BACON, **FRANCIS LORD VERULAM**, lord high chancellor of England, under King James I, born 1560, and showed such marks of genius, that he was particularly taken notice of by Queen Elizabeth, when very young. Upon the accession of King James, he was soon raised to considerable honours; and wrote in favour of the union of the two kingdoms of Scotland and England, which the king so passionately desired. Jan. 1616, he was sworn of the privy council; in 1617 was appointed Lord Keeper of the Great Seal, and in 1618, was made Lord Chancellor of England, and created Lord Verulam. He published in 1620, the best finished and most important, though the least read, of all his philosophical tracts, the *Novum Organum Scientiarum*.

1621. He was advanced to the dignity of Viscount St. Albans, and appeared with the greatest splendour at the opening of the session of parliament. But he was soon after charged with bribery and corruption before a committee of the House of Commons, who on May, 3, gave judgment against him, "That he should be fined £40,000, and remain

prisoner in the Tower during the king's pleasure; that he should for ever be incapable of any office, place, or employment, in the state or commonwealth; and that he should never sit in parliament, or come within the verge of the court. The king afterwards granted him a full and entire remission of his whole sentence; but he did not live long to enjoy these favours; he expired April 9, 1626, aged 66.

BACON, **SIR NICHOLAS**, lord keeper of the great seal, born in Kent, 1510, died Feb. 26, 1578—9.

BACON, **JOHN**, an English sculptor, born 1740, died 1799.

BACTRIA, a small kingdom of Greeks in India, originally subject to Seleucus, but wrested from his son or grandson and rendered independent, about 69 years after the death of Alexander; overwhelmed by the Tartars, and the Greeks dispersed, A.C. 126.

BADAJOS surrendered to the French March 11, 1811, taken by storm by the British and Portuguese, April 6, 1812.

BADEN. The princes of Baden derived their origin from Godfrey, a duke of the Alemanni, who defended his country, against the incursions of the Franks, till his death in 709. In 1801, the government devolved upon Charles Louis Frederick, who, in 1806, married Stephanie Louise Adrienne Napoleone, an adopted daughter of Buonaparte, after whose death in 1818, his uncle, the late grand duke, Louis William Augustus, became his successor.

After the battle of Leipsic, the grand duke of Baden left the confederation of the Rhine, and, in 1815, joined the German confederation, in the diet of which he has the 7th place, and in the general assembly three votes. In 1818, he bestowed on his subjects a constitution, proceeding like the French, from the prince alone, and not consisting of a compact between the people and prince, like the English, or that of Wirtemberg. In 1819, the chambers assembled for the first time. The grand duke Louis died of apoplexy, March 30, 1830, and was succeeded by his brother, the grand duke Leopold.

BADCOCK, **JOHN**, educated a bookseller, wrote "White's Farriery," "Hinde's Veterinary Art," "Gentlemen's Recreations," and various other works, died Dec. 1836, aged 65.

BADJAZET, Fortress of, captured by the Russians, Sept. 9, 1828.

BAFFIN'S BAY, North America, the largest and most northern gulf that has yet been explored in the western hemisphere, was discovered, in 1623, by William Baffin, a British navigator. It has been lately ascertained that it communicates with the Atlantic Ocean, by Davis's Straits, and with the Polar Sea, through Lancaster Sound. In 1818, Captain Parry completed the circumnavigation of Baffin's Bay. In 1819, Captain Parry sailed up Lancaster Sound, establishing the practicability of reaching, in that direction, the Polar Sea.

BAGDAD, at one time the most considerable city in the world. It was begun in 762, by the caliph Abu Giafar-Almanzor, finished in four years, and raised to its highest pitch of splendour, by Haroun Alraschid: but, 100 years after his death, it was destroyed by the Turks.

In the thirteenth century, it was stormed by Holagou, the grandson of Zingis-Khan, who caused the reigning caliph to be slain, and destroyed the caliphate. In 1302, the descendants of the conqueror were expelled by Tamerlane, and, in 1412, by Kara-Yusef. In the following century, Shah Ismael, took possession of the city, and from that time it was a perpetual subject of contest in the wars between the Turks and Persians. In 1638, after a memorable siege, it was taken by the Turkish Emperor, Amurath IV., and has ever since remained subject to the Ottoman power.

BAGLIONI, GIOVANNI, a Roman painter of church pieces; he wrote the lives of the Roman artists; born 1594, died 1644.

BAHAMA ISLANDS, discovered, 1629; taken possession of by the English, Dec. 1718; immense damage done to the shipping at, by a hurricane, Oct. 1796; and again by storm and inundation, July 22, 1801. During the persecution of the missionaries in Jamaica, 1834, some of those employed by the Baptist Missionary Society, took refuge in Bahamas and introduced the gospel.

BAHIA, capital city and province of Brazil, revolution at, Dec. 6, 1837, in which the leaders proclaimed it a free and independent republic, the city re-taken by the emperor's troops, March 16, 1838. See BRAZIL.

BAIL, the first security for appear-

ance was given for Cæso, in a charge of murder, at Rome, A.C. 460; ten persons were bound for him in a bond of 3000 asses.

BAIZE, manufacture of, first introduced into England, at Colchester, 1660.

BAJAZET I. Sultan of the Turks, and a celebrated warrior, succeeded his father Amurath I, in 1389. Having obtained the title of sultan from the Caliphs who served in Egypt, he turned his arms against the kingdom of Hungary, under Sigismund, the king. In the battle of Nicopolis, Sept. 28, 1396, Bajazet defeated a confederate army of 100,000 Christians. A few years after he invested Constantinople; but he was called away by menaces, of Timour, or Tamerlane, who in 1400, began his march towards Asia Minor. To Bajazet he offered peace, which the sultan, confiding in his strength, refused, and these two potentates met on the plains near Angora, in July, 1402, to a memorable conflict, which has immortalized the glory of Timour, and the shame of Bajazet. The Turks were entirely broken with dreadful slaughter; Bajazet was pursued, and taken, and brought to the tent of Timour. The Mogul emperor placed a crown upon his head, and a sceptre in his hand, with a solemn assurance of restoring him to the throne of his ancestors. But the effect of this promise was disappointed by the sultan's untimely death, nine months after his defeat in April, 1403.

BAKER, THOMAS, antiquary, born 1656, died 1740.

BAKER, HENRY, natural philosopher, born 1698, died 1774.

BAKING OF BREAD, invented, A.C. 1400, became a trade, A.C. 170.

BAKEWELL, ROBERT, the scientific experimental farmer and grazier, of Leicestershire, and the most successful improver of horses and cattle in England died, Oct. 1, 1795.

BALBEC, a town of Syria, anciently called Heliopolis, and by the Arabians the Wonder of Syria, delightfully situated at the foot of Anti-Libanus, it was built about A.D. 14. Under the Romans, in the time of Augustus, it is mentioned as a garrison town. In 154, Antoninus built there the present temple instead of the ancient one, afterwards converted into a church; a wall of which is now remaining, that hid the sanctuary of the idols. In 1751, when visited by Mr.

Wood, the wretched government of the emirs of the house of Harfoushe had already impaired it, and the earthquake of 1759 completed its destruction.

BALCHEN, ADMIRAL, born 1669: lost in the Victory man-of-war, Oct. 1744.

BALDWIN, created first Count of Flanders, by Charles le Chauve, 864.

BALDWIN I., emperor of Constantinople, born in 1172, and succeeded his father as count of Flanders and Hainault. In the fourth crusade, which commenced in 1198, he assumed the cross at Bruges, together with his brother Henry. He was chosen emperor of the east, 1204, and was taken prisoner 1205. He soon after died in prison, but the time and manner of his death are not known.

BALDWIN II., emperor of Constantinople, was the son of the emperor Peter of Courtenay; and in his eleventh year, succeeded his brother Robert in 1228. He was sent to visit the western courts, and to obtain some supplies of men and money, for the relief of the sinking empire. Of the twenty-five years of his reign, the greater number were spent abroad than at home. In his first visit to England he was stopped at Dover, and checked by a severe reprimand for presuming, without leave, to enter an independent kingdom. After some delay, he was permitted to proceed, and after a reception of cold civility, thankfully departed with a present of 700 marks. His kingdom was soon reduced to the limits of Constantinople, and in 1261, this city was taken from him by Michael Palæologus, when Baldwin with some of the principal families, embarked on board the Venetian gallees. Having consumed thirteen years in soliciting the Catholic powers to join in his restoration, without success, he died in 1273.

BALE, JOHN, an English divine and historian, born at Cove, in Suffolk in 1495. He obtained, by nomination from the crown, the bishoprick of Ossory in Ireland, and in 1553, was consecrated by the Archbishop of Dublin. By his attachment to the doctrines of the reformation, he was subject to constant terror, and his life was frequently in danger. Being removed as a prisoner to Holland, he was under the necessity of purchasing his liberty by a large ransom. Upon the accession of Elizabeth, he returned to England, and fearful of

encountering the difficulties and hazards of his Irish life, he retired to a prebend stall in the church of Canterbury, to which he was preferred in 1560; here he died in 1563, aged 68. The work which has given him distinction among authors, is his "Scriptorum Illustrium Majoris Britannicæ Catalogus." An account of the lives of eminent writers of Great Britain, brought down through a series of 3618 years, to the year 1557.

BALEARIC ISLES, in the Mediterranean, belonging to Spain, consisting of Majorca, Minorca, &c. They derived their name from the Greek βαλλω, to throw, those islanders having there been celebrated for their dexterity in using the sling. The Balearic slingers were conspicuous in the time of Hannibal, and in his battles with the Romans did memorable execution. They were afterwards enrolled by Cæsar under the Roman eagle, and their assistance proved equally effective in the Gallic wars. After the Romans' occupation of these islands terminated, the Vandals took possession of them, under Genseric, about the year 426; and, in the year 798, they fell into the power of the Moors, from whom they were wrested by James I. king of Arrogan, in 1259. At that period they formed the kingdom of Majorca or Mallorca, which was united to the kingdom of Arragon, and afterwards in 1375, attached to the crown of Spain. The English conquered Minorca in 1708, but lost it again in 1782, and finally relinquished their claims to it, by a treaty with Spain, in 1783.

BALEN, HENDERIC VAN, an eminent Dutch portrait painter, born 1560, died 1632.

BALES, PETER, an eminent writing-master, who wrote the Lord's Prayer, the Creed, the Decalogue, and two short prayers in Latin, his own name, motto, the day of the month, year of our Lord, and reign of the queen, plainly legible, within the circle of a single penny, which he presented to queen Elizabeth at Hampton-court, died 1575.

BALIOL, JOHN, the successful competitor of Robert Bruce for the crown of Scotland, was the great-grandson of David, Earl of Huntingdon, third son of King David I., began his reign A.D. 1292.

BALIOL, SIR JOHN DE, founder of Baliol College, Oxford, was a person very eminent for his power and riches,

during the reign of King Henry III. He died in the year 1269.

BALIOL COLLEGE, Oxford, founded A.D. 1268.

BALISTA, and **CATAPULTA**, of the Romans, engines for hurling stones and darts, first invented by Uzziah, king of Judah, and fixed on the walls of Jerusalem, A.C. 1003.

BALKAN, passed by the Russians under General Diebitsch, June 19, 1830.

BALL of fire fell, during a thunder storm, upon a public-house in Wapping, which instantaneously set fire to it and the house adjoining, July 4, 1803.

BALLARD, **EDWARD**, was the last of the fraternity of booksellers that lived in Little Britain. His shop was the sign of the globe, over against the pump; he died Jan. 2, 1796, aged 88, in the same house in which he was born.

BALLOON. See **ÆROSTATIC ASCENT**.

BALLOON AIR, hint given by Galien, A.D. 1755. Hint by Dr. Black as to hydrogen, 1767. Constructed by Montgolfier, 1782. Filled with hydrogen by Roberts and Charles, who made the first voyage, 1783. Parachute invented by Le Normand, 1783.

BALLOW, in Russia, had 458 houses destroyed by fire, in 1803.

BALLYHEAUGH. A sanguinary faction-fight took place, June 24, 1834, at the races of, 13 miles from Tralee, in Ireland, between the clans of the Cooleens and Lawlors. At least 1000 persons were engaged, of whom eight or ten were killed in the battle, and thirty-five were drowned in the river, on the banks of which the affray took place.

BALMERINO, **LORD**, one of the rebel Highland chiefs, who was taken prisoner at the battle of Culloden, April 16, 1746; tried at Westminster Hall, with the earl of Kilmarnock, July 28, and found guilty. The execution took place Aug. 18. Being permitted to have an interview, they took an affecting leave: Lord Kilmarnock said, "My dear lord, I am only sorry I cannot pay this reckoning alone: once more farewell for ever." The earl of Kilmarnock, who was first executed, then kneeling down, joined in prayer. The multitude showed the deepest signs of commiseration and pity; and his lordship at the same time, struck with such a variety of dreadful objects at once,—namely, the multitude, the block,

his coffin, the executioner, and the instrument of death, turned about to Mr. Hume, and said, "Hume, this is terrible," without changing his voice or countenance. After putting up a short prayer, concluding with a petition for his majesty King George, and the royal family, he then embraced and took the last leave of his friends. The executioner, who had previously had something administered to keep him from fainting, was so affected with his lordship's distress and the awfulness of the scene, that on asking his forgiveness, he burst into tears. When all things were ready for the execution, and the black baize which hung over the rails being turned up, that the people might behold the execution, in about two minutes after his lordship kneeled down; when dropping his handkerchief, the executioner, at one stroke, severed his head from his body. Lord Balmerino, observing the axe in the hand of the executioner, he took it from him, and feeling the edge, returned it, saying, "Have courage," accompanied by a clap on the shoulder; then folding down the collar of his shirt and waistcoat, he pointed out the place where he was to strike, desiring him to do it resolutely; "for in that," added his lordship, "will consist your kindness." Immediately, without trembling or changing countenance, he again knelt down at the block; and having, with his arms stretched out, said, "O Lord, reward my friends, forgive my enemies, and receive my soul:" he gave the signal by letting them fall; but his uncommon firmness and intrepidity, and the unexpected suddenness of the signal, so surprised the executioner, that though he struck the part directed, the blow was not given with force enough to wound him very deep: a second blow immediately succeeding the first, rendered him quite insensible, and a third finished the work. During the whole of this tragedy, Tower-hill and the scaffoldings were crowded with spectators, who beheld it with the greatest decorum; a conduct that evinced how much the people entered into the rectitude of the execution, though feeling too humane to rejoice at the catastrophe.

BALSHAM, **HUGH**, founder of Peter House, Cambridge, died 1286.

BALTIMORE, General Ross killed, in an unsuccessful attack on, by the British, Sept. 2, 1814.

BALTIMOREHOUSE, Southampton-row, built 1759.

BAMBERG BISHOPRIC, instituted 1002, others say 1007. Taken by the French, Aug. 4, 1796. It suffered from an inundation in 1784.

BAMBOROUGH CASTLE, built by Ina, 559; this town was the capital of the kingdom of Northumberland.

BANBURY, Oxfordshire, battle between Yorkists and Lancasterians here, 1469. First sent members to parliament, 1553. Church fell Dec. 16, 1790.

BANBURY, earldom, became extinct 1632; but the earl's widow married Lord Vaux, who assumed the title, and the family has continued it since.

BANCROFT'S ALMSHOUSES, Mile-end, Middlesex, built 1735.

BANCROFT, ARCHBISHOP, born 1544, died 1654

BAND, order of knighthood, instituted in Spain, 1232.

BANDA ISLES, seized by the Dutch, 1621,—taken by the English, Aug. 1801.

BANDA ORIENTAL, or **URUGUAY**, new republic, South America, lying between the east bank of the Uruguay river and the ocean; and between the La Plata river on the south, and the Sierra de Topas on the north, which separates it from Brazil. The Banda Oriental has attained notoriety from the long and sanguinary struggle which its possession occasioned, between the empire of Brazil and the United Provinces of La Plata. It was at first settled by Spain; next became the subject of contention between the Spanish and Portuguese; after violent and long continued struggles, Portugal consented to the line of Sierrade Topas, in 1777, but afterwards seized the territory of the missions, which was exchanged for the Portuguese fortress of Olivenza, in 1804.

In the revolutionary war, the Orientalists attached themselves to the republic of Buenos Ayres, and declared their complete independence, immediately after the battle of Gaubiju, in 1815. The Imperialists of Brazil made an irruption into the Banda Oriental, and until 1822, retained possession of it. Brazil then also declared itself independent of Portugal, and the Orientalists revolted from their obedience, and attached themselves once more to the republic of Buenos Ayres. In 1826, the standard of independence was again raised by Fructuoso Rivera, and then a violent war began, in which blood and

treasure were profusely lavished. When both parties had nearly exhausted their resources, Great Britain interfered, and obtained a cessation of actual war. On August 28, 1828, a treaty of peace was signed at Rio, by which the Banda Oriental was declared an independent state.

In July 1836, an insurrection broke out. General Rivera was then ex-president of the State; General Oribe was president in possession; therefore General Rivera and his partizans opposed the government, assumed arms, and took the field. Oribe, brother of the president, and Lavalleja, from Buenos Ayres, with superior numbers, gave him battle in September: he was totally routed; almost the whole of his force being killed or taken. The war continued through 1837; Rivera again assumed a formidable attitude, and found himself at the head of a considerable force of malcontents in the autumn of the year; but nothing occurred. On June 15, 1838, the revolutionary general, Fructuoso Rivera, engaged and defeated Oribe, the president, and menaced Monte Video the capital. Oribe found it necessary to abdicate after this reverse, and was replaced by General Lavalleja. Endeavours were made to negotiate with the victorious chief, and a commission appointed to proceed to his quarters; but apparently with no success. The town was soon afterwards closely invested by Rivera's forces, and reduced to great distress; but he was repulsed at last. On March 10, 1839, this republic declared war against Buenos Ayres.

BANDS, for lawyers, first used by Judge Finch, 1615; for clergymen, about 1652.

BANGALORE, in the East Indies, became subject to the Rajah of Mysore, 1687. Taken by Earl Cornwallis, 1791.

BANGOR, in Flintshire, North Wales, monks of, slain by the Danes, 580.

BANGOR CATHEDRAL, built 616.

BANGOR, North America, taken by the British, May 3, 1814.

BANK MILL, Manchester, used as a cotton factory, destroyed by fire, Oct. 31, 1813; damage estimated at £30,000.

BANK. This term is applied to all establishments intended to serve for the safe custody of money; to facilitate its payment by one individual to another; and, sometimes, for the accommodation of the public with loans. The first institution of banks was in Italy, where the

Lombard Jews kept benches in the market places, for the exchange of money and bills; and banco being the Italian name for bench, banks took their title from this word. The bank of Venice was established about 1171, the bank of Genoa in 1345, the bank of Hamburg in 1619, the bank of Rotterdam in 1635, the bank of Amsterdam in 1659, the bank of England in 1694, the bank of Scotland in 1695, the bank of Ireland in 1783, the bank of France in 1803, the bank of the Netherlands in 1814, the bank of the United States in 1816. See BANK OF ENGLAND, BANKERS, &c.

BANK OF ENGLAND, was originally projected by a merchant of the name of Patterson, and established in 1694. The following year it was incorporated by King William and the Parliament, in consideration of £1,200,000, lent to government, which was then its capital. This capital, however, has gone on gradually increasing to the present period, by sums lent to government.

The charter of the Bank of England was executed July 27, 1694, and was granted for twelve years, the corporation being then determinable on a year's notice. The original capital of £1,200,000 was lent to government at 8 per cent. interest, with an allowance of £4000 per annum for their expenses of management. The term of the charter was, in 1706, extended to five years beyond the original period, in consideration of the company having undertaken to circulate for government exchequer bills, to the amount of £1,500,000, and it has since been further extended at different times,

In 1709 to 1st of August 1732

1713	1742
1742	1764
1763	1786
1781	1812
1800	1833
1833	1854

The total permanent debt due from government to the bank is, £14,686,100, bearing 3 per cent. interest; but the capital stock of the company is, £10,914,750, on which they usually pay a dividend of 10 per cent. per annum to the proprietors. According to the accounts presented to the House of Commons, in the year 1824, the average amount of balances of public money in the hands of of the bank during the last year was, £5,526,645. The profit of the bank (at 3 per cent., the rate which the govern-

ment pays them for their capital of fifteen millions), is therefore upwards of £165,792, in its capacity of banker to the public departments.

From the report of the secret committee appointed in 1797, to investigate the affairs of the bank, it appeared that on the 25th of February, in that year, there was a balance of £3,826,903; and on the 11th of November, a balance of £3,839,500 in favour of the company; their profits since must have been greater than while they were obliged to maintain a large stock of cash to answer their notes; which has enabled them to make several occasional dividends to their proprietors, and at Lady Day, 1807, to raise their usual dividend from 7 per cent., which it had been for the last nineteen years, to 10 per cent.

The building in which the affairs of the bank are transacted, is situated in the city of London, near Threadneedle-street; it was built 1732, enlarged 1771, considerably improved and insulated in 1796, and the exterior partly rebuilt in 1824.

The style of their firm is, "The Governor and Company of the Bank of England." They discontinued paying in cash, Feb. 25, 1797; issued 20s. notes, March 9, 1797; issued 5s. tokens, 1798; raised the value of these tokens to 5s. 6d., 1811; discontinuance of their payments in cash restricted by Parliament, 1816, not to extend beyond April 5, 1818; cash payments resumed, 1821; notes a legal tender, &c. 1833.

BANK OF ENGLAND'S ACCOUNTS.

Amount of coin and bullion possessed by the Bank in each year, from 1815 to 1832:—

Year ending 28th Feb.	£
1815	2,179,147
1816	3,399,114
1817	7,504,284
1818	11,109,381
1819	6,721,647
1820	3,969,528
1821	8,174,419
1822	11,631,090
1823	10,254,698
1824	12,606,963
1825	11,858,595
1826	4,521,702
1827	6,607,976
1828	10,201,253
1829	9,640,000
1830	7,285,000
1831	10,322,000
1832	6,389,000

The Bank of England has always acted as banker to the Government. The following are the balances of public money in its hands, from 1807 to 1831 :—

Private deposits in the hands of the Bank during each year, from 1807 to 1831 :—

1807	£12,647,551
1808	11,761,448
1809	11,093,648
1810	11,950,047
1811	10,191,854
1812	10,390,130
1813	10,393,404
1814	12,158,227
1815	11,737,436
1816	10,807,660
1817	8,222,187
1818	7,066,187
1819	4,538,373
1820	3,713,442
1821	3,920,157
1822	4,107,853
1823	5,526,635
1824	7,222,187
1825	5,347,314
1826	4,214,271
1827	4,223,867
1828	3,831,697
1829	3,862,656
1830	4,761,952
1831	3,948,102

1807	£1,582,720
1808	1,940,630
1809	1,492,190
1810	1,428,720
1811	1,567,920
1812	1,573,950
1813	1,771,310
1814	2,374,910
1815	1,690,490
1816	1,333,120
1817	1,672,800
1818	1,640,210
1819	1,790,860
1820	1,325,060
1821	1,326,020
1822	1,373,370
1823	2,321,920
1824	2,369,910
1825	2,609,900
1826	3,322,070
1827	3,931,370
1828	5,701,280
1829	5,217,210
1830	5,562,250
1831	5,202,370

Liabilities and Assets of the Bank of England : from 1833, to 1839.

Quarter or Month ending,	Liabilities.		Assets.	
	Circulation.	Deposits.	Bullion.	Securities.
	£	£	£	£
1833. Dec. 28,	17,469,000	15,160,000	10,200,000	24,576,000
1834. March 29,	18,544,000	13,750,000	8,753,000	25,787,000
— June 28,	18,684,000	15,372,000	8,885,000	27,471,000
— Sept. 27,	18,437,000	12,790,000	6,917,000	26,915,000
— Dec. 28,	17,070,000	13,019,000	6,978,000	25,551,000
1835. March 28,	18,154,000	9,972,000	6,295,000	24,533,000
— June 27,	17,637,000	11,753,000	6,613,000	25,221,000
— Sept. 26,	17,320,000	13,866,000	6,284,000	27,724,000
— Dec. 26,	16,564,000	20,370,000	7,718,000	31,764,000
1836. March 26,	17,669,000	12,875,000	8,014,000	25,521,000
— June 25,	17,184,000	15,730,000	6,868,000	28,847,000
— Oct. 18,	17,936,000	13,324,000	5,257,000	28,815,000
— Nov. 15,	17,543,000	12,684,000	4,933,000	28,134,000
— Dec. 13,	7,361,000	13,330,000	4,545,000	28,971,000
1837. Jan. 10,	17,422,000	14,354,000	4,287,000	30,365,000
— Feb. 7,	17,868,000	14,230,000	4,032,000	31,085,000
— March 7,	18,178,000	13,260,000	4,048,000	30,579,000
— April 4,	18,432,000	11,192,000	4,071,000	28,843,000
— May 2,	18,480,000	10,472,000	4,190,000	28,017,000
— May 30,	18,419,000	10,422,000	4,423,000	27,572,000
— June 27,	18,202,000	10,424,000	4,750,000	26,932,000
— July 25,	18,261,000	10,672,000	5,226,000	26,727,000
— Aug. 22,	18,462,000	11,005,000	5,754,000	26,717,000
— Sept. 19,	18,814,000	11,093,000	6,303,000	26,605,000
— Oct. 17,	18,716,000	10,501,000	6,856,000	25,316,000

(Table Continued.)

Quarter or Month ending.	Liabilities.		Assets.	
	Circulation.	Deposits .	Securities.	Bullion.
	£	£	£	£
1837. Nov. 14	18,344,000	10,242,000	23,985,000	7,432,000
— Dec. 12	17,998,000	10,195,000	22,727,000	8,172,000
1838. Jan. 9	17,900,000	10,992,000	22,606,000	8,895,000
— Feb. 6	18,206,000	11,266,000	22,569,000	9,543,000
— March 6	18,600,000	11,535,000	22,792,000	10,015,000
— April 3	18,987,000	11,262,000	22,838,000	10,126,000
— May 1	19,084,000	11,006,000	22,768,000	10,002,000
— May 29	19,018,000	10,786,000	22,648,000	9,806,000
— June 26	19,047,000	10,426,000	22,354,000	9,722,000
— July 24	19,286,000	10,424,000	22,601,000	9,749,000
— Aug. 21	19,481,000	10,298,000	22,747,000	9,746,000
— Sept. 18	18,665,000	10,040,000	22,846,000	9,615,000
— Oct. 16	19,359,000	9,327,000	22,015,000	9,437,000
— Nov. 16	18,900,000	8,949,000	21,171,000	9,339,000
— Dec. 11	18,469,000	9,033,000	20,707,000	9,362,000
1839. Jan. 8	18,201,000	10,315,000	21,680,000	9,336,000
— Feb. 5	18,252,000	10,269,000	22,157,000	8,919,000
— March 5	18,298,000	9,950,000	22,767,000	8,106,000
— April 2	18,371,000	8,998,000	22,987,000	7,073,000
— April 30	18,350,000	8,107,000	23,112,000	6,023,000
— May 28	18,214,000	7,814,000	23,543,000	5,119,000
— June 25	18,101,000	7,567,000	23,934,000	4,344,000
— July 23	18,049,000	7,955,000	24,905,000	3,785,000
— Aug. 20	17,969,000	8,029,000	25,588,000	3,265,000
— Sept. 17	17,960,000	7,781,000	25,936,000	2,816,000

BANK OF SCOTLAND. This institution was projected by Mr. John Holland, merchant of London, and was established by act of the Scotch Parliament, (Will. III. Parl. I. Sec. 5), in 1695, by the name of "Governor and Company of the Bank of Scotland." Its original capital was £1,200,000 Scotch, or £100,000 sterling, distributed in shares of £1,000 Scotch, or £83 6s. 8d. sterling each.

The capital of the Bank was increased to £200,000 in 1744, and was enlarged by subsequent acts of parliament, the last of which (44 Geo. III., c. 23), was passed in 1804, to £1,500,000, its present amount. Of this sum £1,000,000 has been paid up. On the union of the two kingdoms, in 1707, the Bank of Scotland undertook the re-coinage, and effected the exchange of the currency in Scotland; it was also the organ of government in the issue of the new silver coinage, in 1817.

The Bank of Scotland is the only Scotch bank constituted by act of Parliament: it began to establish branches in 1696, and issued notes for £1 so early as 1704. The bank also began, at a very

early period, to receive deposits on interest, and to grant credit on cash accounts; a minute of the directors, with respect to the mode of keeping the latter, being dated so far back as 1729.

According to an official abstract of the constitution and objects of the Bank of Scotland, printed for the use of the proprietors in 1818, it appears that the statutory capital is at present £1,500,000 sterling: it is raised by voluntary subscription, and has been subscribed for. £1,000,000 has been called for and paid in.

Bank of Scotland stock may be acquired, in any portions, by any person, community, or other lawful party whatever, without selection, exclusion, or limitation of numbers. The management is vested by statute in a governor, deputy-governor, twelve ordinary, and twelve extraordinary, directors. They are chosen annually on the last Tuesday of March, by the stockholders, having £250 of stock, or upwards. Those above £250 have a vote for every £250, to £5,000, for twenty votes. No person can have more than twenty votes. The governor must

hold at least £2,000 of stock, the deputy-governor £1,500, and each director £750. They swear to be equally favourable to all persons, and cannot hold any inferior office in the bank.

BANK OF IRELAND was established in 1783, with similar privileges to those of the Bank of England, in respect to the restriction of more than six partners in any other bank: and the injury that Ireland has sustained from the repeated failure of banks, may be mainly attributed to this defective regulation.

In 1797, when the Bank of England suspended its payments, the same privilege was extended to Ireland; and after this period the issues of the Bank of Ireland were rapidly increased. In 1797, the amount of the notes of the Bank of Ireland in circulation, was £621,917; in 1810, £2,266,471; and in 1814, £2,986,999. These increased issues led to corresponding increased issues, by the private banks, of which the number was fifty in the year 1804.

In 1821, in consequence of eleven banks having failed nearly at the same time, in the preceding year, in the south of Ireland, government succeeded in making an arrangement with the Bank of Ireland, by which joint stock companies were allowed to be established at a distance of fifty miles (Irish) from Dublin; and the bank was permitted to increase its capital £500,000. The Act of 1 and 2 Geo. IV., c. 72, was founded on this agreement.

The capital of the Bank of Ireland at its establishment, in 1783, amounted to £600,000; but it has been increased at various periods, and has, since 1821, amounted to £3,000,000. At present no bank having more than six partners, can be established any where within fifty Irish miles of Dublin; nor is any such bank allowed to draw bills upon Dublin for less than £50, or at a shorter date than six months.

BANK OF VENICE seems to have been the first banking establishment in Europe. It was founded so early as 1171, and subsisted till the subversion of the republic in 1797. It was essentially a deposit bank; and its bills bore at all times a premium, or *agio* over the currency of the city.

BANK OF AMSTERDAM was established in 1659. It was a deposit Bank, and payments were made by writing off sums from the account of one individual

to those of another. According to the principles on which the bank was established, it should have at all times in its coffers, bullion equal to the full amount of the claims upon it. But the directors privately lent about 10,500,000 florins to the states of Holland and Friesland. This circumstance transpired when the French invaded Holland, and caused the ruin of the bank.

BANK OF THE NETHERLANDS was established in 1814. It is formed on the model of the Bank of England, and was to enjoy, for twenty-five years, the exclusive privilege of issuing notes. The original capital of 5,000,000 florins, was doubled in 1819. The affairs of the bank are managed by a president, secretary, and five directors, who are chosen every six months, but may be indefinitely re-elected.

BANK OF HAMBURG, established in 1609; its affairs are managed according to a system that insures the fullest publicity. It receives no deposits in coin, but only a bullion of a certain degree of fineness. The Bank of Hamburg is universally admitted to be one of the best managed in Europe.

BANK OF FRANCE was founded in 1803. The exclusive privilege of issuing notes payable to bearer, was granted to it for forty years. The capital of the bank consisted at first of 45,000,000 francs, but it was subsequently increased to 90,000,000 francs, divided into 90,000 shares or actions of 1000 francs each. Of these shares, 67,000 are in the hands of the public: 22,000 being purchased by the bank from part of her capital. The notes issued by the bank are for 1000 and 500 francs. The discounts in 1827 amounted to 621,000,000 francs. The administration of the bank is vested in a council-general, of twenty members, viz. seventeen regents and three censors, who are nominated by 200 of the principal proprietors. The king appoints the governor and deputy-governor.

BANK OF THE UNITED STATES was incorporated in 1816. The capital is 35,000,000 dollars, divided into 350,000 shares of 100 dollars each. Seven millions were subscribed by the United States, and the remaining 28,000,000 by individuals, companies, corporations, &c.

In 1832, 84,000 shares were held by foreigners. The bank issues no note for less than five dollars; all its notes are payable in specie on demand. It dis-

counts bills, and makes advances on bullion at the rate of 6 per cent. The management is under twenty-five directors, five of whom being holders of stock, are annually appointed by the President of the United States.

The principal office of the bank is in Philadelphia; but in Jan. 1830, it had twenty-seven subordinate offices or branch-banks, established in different parts of the Union.

Subjoined is a statement of some of the items in the affairs of the United States, on April 1, 1830, and Nov. 2, 1832:—

	1830.	1832.
Notes Discounted,	32,138,270.89 dol.	45,726,934.95 dol.
Domestic Bills Discounted,	10,506,882.54 . .	16,304,498.48 . .
Funded Debt held by the Bank,	11,122,530.90 . .	4,747,696.45 . .
Real Estate,	2,891,890.75 . .	1,822,721.51 . .
Funds in Europe, equal to Specie,	2,789,498.54 . .	2,885,016.26 . .
Specie,	9,043,748.97 . .	8,026,055.45 . .
Public Deposits,	8,905,501.87 . .	6,957,621.54 . .
Private Deposits,	7,704,256.87 . .	7,622,898.84 . .
Circulation,	16,084,894.00 . .	17,968,733.36 . .

The total liabilities of the bank to the public on Nov. 1, 1832, including its notes in circulation, deposits, and debts to the holders of public funds, were 37,296,950.20 dollars; and its assets, including specie, cash in Europe, debts from individuals, banking companies, &c. were 79,593,870.97 dollars, leaving a surplus of 42,296,920.77 dollars.

The charter of the Bank of America expired in 1836. A bill for its renewal passed both houses of congress in 1832, but was rejected by the president; since then it has been re-chartered, in so far at least as respects Pennsylvania, by the legislature of that state; and it seems to be expected that it will be re-chartered by the legislature of some of the other states. Although, therefore, the United States Bank no longer exists as a great national establishment, it maintains its place as the greatest banking company in the new world.

1839. In consequence of great commercial difficulties felt in England, as well as in America, Oct. 14, the American banks suspended their cash payments. The United States Bank set the example, followed by all the banks in New York, Philadelphia, Baltimore, Virginia, and the interior of Pennsylvania.

BANK NOTES, origin of, occasioned by a run on the bank by the Jacobites, during the rebellion of 1745. The amount of Bank of England notes in circulation, and bank post-bills, at the following periods, were,—

1778	£7,440,330
1790	10,040,540
1800	16,954,470
1810	21,019,600
1815	27,361,650
1820	23,484,010
1826	25,467,910
1832	18,657,710

In 1833, 1834, 1835, 1836, 1837, and 1838, the amounts were as follows:—

	1833.	1834.	1835.	1836.	1837.	1838.
	£	£	£	£	£	£
1st Quarter.	18,876,200	18,571,810	18,215,220	17,833,620	17,941,090	18,636,490
2nd ———	18,722,080	18,493,560	17,690,380	17,621,200	17,185,930	19,184,710
3rd ———	18,483,250	18,517,250	17,413,960	17,443,680	17,845,040	18,369,420
4th ———	17,531,910	17,361,310	17,016,780	17,209,970	17,086,610	17,782,610

The aggregate amount of Notes circulated in England and Wales, by private banks, and by Joint Stock Banks and their branches; distinguishing Private from Joint Stock Banks. (From Returns directed by 3 and 4 Will. IV., c. 83.)

Quarters Ending.	Private Banks.	Joint Stock Banks.	Total.
	£	£	£
1833. Dec. 28,	8,836,803	1,315,301	10,152,104
1834. March 29, . . .	8,733,400	1,458,427	10,191,827
— June 28,	8,875,795	1,642,887	10,518,682
— Sept. 27,	8,370,423	1,783,689	10,154,112
— Dec. 28,	8,537,655	2,122,173	10,659,828
1835. March 28, . . .	8,231,206	2,188,954	10,420,160
— June 27,	8,455,114	2,484,687	10,939,801
— Sept. 26,	7,912,587	2,508,036	10,420,623
— Dec. 26,	8,332,863	2,799,551	11,134,414
1836. March 16, . . .	8,353,894	3,094,025	11,447,919
— June 25,	8,614,132	3,588,064	12,202,196
— Sept. 24,	7,764,824	3,969,121	11,733,945
— Dec. 31,	7,753,500	4,238,197	12,011,697
1837. March 31, . . .	7,275,784	3,755,279	11,031,063
— June 30,	7,187,673	3,684,764	10,872,000
— Sept. 30,	6,701,996	3,440,053	10,142,049
— Dec. 30,	7,043,470	3,826,665	10,870,135
1838. March 31, . . .	7,005,472	3,921,039	10,926,039
— June 30,	7,383,247	4,362,256	11,745,503
— Sept. 30,	7,083,811	4,281,151	11,364,962
— Dec. 31,	7,599,942	4,625,546	12,225,488
1839. March 30, . . .	7,642,104	4,614,363	12,259,467
— June 30,	7,610,708	4,665,110	12,275,818

The amount of country bankers' notes, at the following periods were :—

1813	£22,597,000	1827	1,239,755
1820	11,767,391	1830	2,403,700
1825	14,147,211	1833	1,751,685

Bank Notes issued by the Bank of England, and which have not been paid into the Bank up to the end of November, 1831; distinguishing the amount and description of each class, were :—

	Total.	
£1,000	2,964,000	None issued until 1815.
500	494,500	
300	327,300	
200	338,800	
100	1,237,400	
50	1,101,650	
40	166,040	
30	241,770	
25	—	None issued since 1822.
20	944,360	
15	—	None issued since 1822.
10	2,433,190	
5	2,288,459	None issued until 1793.
2 and 1	301,340	None issued until 1797, or since 1826.

BANK PAPER, edict issued by the emperor of Austria, fixing its current value at one-fifth of its nominal value, March 20, 1811.

BANK POST BILLS, first issued in 1754.

BANK RESTRICTION BILL, passed 1797; ceased after nine renewals, 1823.

BANK STOCK. See **FUNDS**.

BANKERS. The first bankers in England were goldsmiths; and the business of banking was committed to them under the following circumstances:—The Mint, in the Tower of London, was anciently the deposit for merchants' cash, till Charles I., in the year 1640, laid his hands upon the money, and destroyed the credit of the Mint. This circumstance drove the traders to some other place of security for their gold, which their apprentices did not fail to rob them of when at home, and to run off with it to the army. In 1645, therefore, they consented to lodge it with the goldsmiths, in Lombard-street, who were otherwise obliged to prepare strong chests for the deposit of their own valuable wares; and this became the origin of banking in England. See the preceding Articles.

BANK, SAVINGS', the first instituted 1816; number of, in England, Wales, and Ireland, to Nov. 1833, were 484. The account of investment in English Savings' Banks, to Nov. 1833, £14,473,953. The number of these institutions on Nov. 20, 1837, was 508; in England, 398; Scotland, 9; Wales, 23; and Ireland, 78. In the twenty years ending Nov. 1837, the sum of £9,558,060 has been paid to the trustees of Savings' Banks, and Friendly Societies, for interest on deposits and other charges. See **SAVINGS' BANKS**.

BANK, JOINT STOCK. It was formerly understood, that the act of 1708, and the other acts conveying exclusive privileges to the Bank of England, prevented any company with more than six partners, from issuing notes payable on demand, or from undertaking ordinary banking business. Lately, however, it was held by the attorney and attorney-general, that such banks might be legally established within the limits to which the exclusive privileges of the Bank of England were restricted by the act, 7 and 8 Geo. IV., c. 46. But as the opinion of other eminent lawyers differed from theirs, a clause has been inserted in the act, 3 and 4 Will. IV., c. 98, (1833,) which authorises the establishment of banks not issuing notes, with any number of partners, any where within the district to which the exclusive privileges of the Bank of England, as a bank of issue, are restricted.

From the official returns, dated July 4, 1833, there were then 34 Joint Stock Banks in England and Wales; but from the subjoined account, up to Nov. 26, 1836, the number had increased to 101; and in 1839, to 152, with 903 branches. The progress of the system has been as follows:—

In 1826 there were registered	3
1827	4
1828	0
1829	7
1830	1
1831	9
1832	7
1833	9
1834	10
1835	9
1836, Nov. 26	42
1839, Jan. 5.	51
	Total . 152

BANKRUPTS, in England, first regulated by law, 1543; enacted that members of the House of Commons proving bankrupts, and not paying their debts in full, shall vacate their seats, 1812.

Bankrupts, at different periods: from the year 1701 to 1839,

1701	38
1702	28
1713	200
1714	173
1726	416
1727	446
1744	197
1745	200
1746	159
1762	205
1763	233
1772	525
1773	562
1774	360
1778	675
1779	544
1780	449
1781	438
1782	537
1783	528
1784	517
1791	604
1792	628
1793	1304
1800	736
1801	871
1802	861
1803	923
1804	921
1805	876
1806	953

BANKRUPTS (continued.)

1807	. . . . .	1036
1808	. . . . .	1058
1809	. . . . .	1670
1810	. . . . .	2000
1811	. . . . .	1616
1812	. . . . .	1599
1813	. . . . .	1066
1814	. . . . .	1285
1815	. . . . .	2029
1816	. . . . .	2030
1817	. . . . .	1879
1818	. . . . .	1059
1819	. . . . .	1416
1820	. . . . .	1335
1821	. . . . .	1287
1822	. . . . .	1064
1823	. . . . .	964
1824	. . . . .	977
1825	. . . . .	846
1826	. . . . .	2489
1827	. . . . .	1528
1828	. . . . .	1332
1829	. . . . .	1409
1830	. . . . .	1467
1831	. . . . .	1269
1832	. . . . .	1591
1833	. . . . .	1136
1834	. . . . .	1191
1835	. . . . .	9591
1836	. . . . .	890
1837	. . . . .	890
1838	. . . . .	1462
1839	. . . . .	930

BANKRUPTCY, NEW COURT OF, established 1 & 2 Will. IV. 1831, opened Jan. 11, 1832. This court consists of one person, being a serjeant or a barrister at law of not less than ten years' standing, to be chief judge of the said court, and three persons, being serjeants, or barristers at law, of not less than ten years' standing at the bar, or of five years' standing at the bar, having previously practised five years as a special pleader below the bar, to be other judges of the said court, and six persons, being barristers at law of not less than seven years' standing at the bar, or of four years' standing at the bar, having previously practised as a special pleader for three years below the bar, to be called commissioners of the said court, and the same court shall be a court of law and equity, and shall, together with every judge and commissioner thereof have all the rights, incidents, and privileges of a court of record, or judge of a court of record, and of her Majesty's courts of law or judges at Westminster.

1835. The bankruptcy law of Ireland came under review by 6 Will. IV. c. 14. entitled "An Act to amend the laws relating to Bankruptcy in Ireland." This act consists of 160 sections. Its object is to consolidate all the former statutes relating to bankruptcy in Ireland, and it accordingly repeals them, and contains in itself a complete system of administering bankruptcy estates.

BANKS, SIR JOSEPH, born 1743; elevated to the chair of the Royal Society, 1777; discontents at his proceedings, 1783; confirmed in the presidency, 1784; died March 19, 1820.

BANKS, THOMAS, sculptor, born 1735; died 1805.

BANNERETS first created in England, 1360; renewed by Hen. VII., 1485.

BANNS, PUBLICATION OF, for marriage, instituted 1210. See **MARRIAGE.**

BANQUETING-HOUSE, Whitehall, Westminster, built 1607.

BANTAM, flourishing town in the island of Java, once the capital of the kingdom of Bantam. It was at first a Hindoo kingdom, changed in the fifteenth century into a Mahammedan dynasty, by the victorious chief Cheribon. The Dutch settled here in 1595; the English in 1602; but the latter settlers being cruelly murdered, the Dutch enjoyed the whole pepper trade without a rival. In 1674, the king of Bantam was possessed of a fleet of his own, with which he traded to the Persian Gulf, and in 1682, sent eight ambassadors into England; but, after this period, Bantam fell gradually under the Dutch-Batavian government. In 1811, this district was convulsed by civil wars, when the British invaded and took possession of the whole territory, deposed the refractory sultan Achmet, and set up another in his place. In 1813, the sultan transferred his rights, unequivocally, to the British, in consideration of an annual pension of 10,000 rupees; and, in the year 1817, it was finally restored to the Dutch. Since 1817, Bantam has been abandoned for Sirang, or Ceram, seven miles higher up the river.

BARABIS, T. PHIL., a Prussian; a Hebrew lexicographer before ten years of age; master of mathematics at twelve, &c., died, 1740, aged 19 years, and 8 months.

BARBADOES, one of the Caribbees, and the most eastern of the West Indian

islands, supposed to have been discovered by the Portuguese about 1614, and named and planted by them in 1624. In 1627, the island was made over to the Earl of Carlisle, and its possession was disputed by different parties. Some years after this, disputes broke out between the earl and the planters, which terminated in the island being made a crown colony in 1662. It has suffered a succession of dreadful hurricanes. On October 18, 1780, a storm arose exceeding all that were ever before experienced in any part of the world; so terrific were its effects that the whole country presented a scene of wild desolation. Upwards of 6000 persons perished in this awful visitation, and the damage done to property exceeded a million sterling.

July 11, 1831, another dreadful hurricane occurred, by which 3000 lives were lost, 16 vessels driven on shore, and the whole island nearly [desolated. The hurricane also extended to the islands of St. Lucia and St. Vincent, and the damage done was very extensive, though not attended with such a serious loss of life.

BARBAROSSA, ARUCH, celebrated corsair chief; his name, together with that of his brother, Hayradin, became terrible, from the Straits of the Dardanelles to those of Gibraltar. In 1516, being invited to assist Eutemi, king of Algiers, against the Spaniards, he murdered the prince he came to aid, causing himself to be proclaimed king in his stead. Charles V. sent the Marquis de Gomarez, governor of Oran, with troops to suppress him, by whom he was defeated and killed, near Tremecen, in 1518.

His brother, Hayradin, known also by the name of Barbarossa, assumed the sceptre of Algiers, with the same abilities and with better fortune. He put his dominions under the protection of the grand Signior, Solyman the Magnificent, and obtained the command of the Turkish fleet. He acquired the kingdom of Tunis, in 1534, in a manner similar to that by which his brother gained Algiers. The time of his death not known. See **ALGIERS**.

BARBAULD, LETITIA, whose lessons for children from two to three years old have considerably assisted in educating the young, was the daughter of the Rev. John Aikin, D.D., and born at Kibworth, June 20, 1743. She published in 1772,

a volume of poems, which immediately gave her a place in the first rank of living poets. In 1774, she was married to the Rev. Rochemont Barbauld. In 1776, she went to reside at Palsgrave, in Suffolk, where her "Early Lessons" and "Hymns in Prose, for Children," were composed,—master-pieces in the art of early instruction—monuments at once of her genius, and of the condescending benevolence which presided over its exercise. In 1802, she and Mr. Barbauld fixed their abode at Stoke-Newington, where a selection from "The Guardian," "Spectator," and "Tatler," introduced by an elegant essay; another from the manuscript correspondence of Richardson, with a life of the author, and a view of his writings prefixed, and a collection of the best English novels, with biographical and critical prefaces, served in succession to amuse her leisure. A higher effort of her powers was the splendid poem entitled "Eighteen Hundred and Eleven," which appeared early in the ensuing year. She died at Stoke-Newington, Apl. 9, 1825, in the eighty-second year of her age.

BARBARY, that long line of territory, from 100 to 200 miles in depth, which extends eastward from Egypt to the shores of the Atlantic. The name is derived from the Barbees, a race of native inhabitants, but is not recognised in the country itself. It comprises Morocco, Fez, Tunis, Tripoli; some geographers also include the kingdom of Barca. Barbary occupied a more conspicuous place in the ancient than the modern world. It formed a prominent part in the great system of civilized nations around the Mediterranean. Cyrenaica corresponding now to Barca, and part of Tripoli, was one of the most flourishing Grecian colonies; and Tunis is on the site of Carthage. Barbary was subjected to the Ottoman power in 647, by Omar and others; Algiers was built by Zeiri, a distinguished Arab, in 944; he died in 970, and his family held the reins of government, under the appellation of the Zeirites, till 1148, when Roger, king of Sicily, took from Hassan-ben-Ali, the last of the dynasty, a great portion of his territory; and the other parts were soon after seized by the Moravides. This latter dynasty ruled the whole coast, till the year 1269, when the kingdom of Tunis was founded by the negro prince Abonhafs. The most im-

portant cities, Oran, Algiers, Tunis, and Tripoli, were raised into independent sovereignties, which, by the expulsion of the Moors and Jews from Spain, in and after 1492, became very populous. About 1594, they began to revenge themselves upon Spain by repeated acts of piracy. This provoked Ferdinand to send a powerful expedition against them, with great success. But after the death of the Spanish monarch, the Algerines called to their assistance, the famous Turkish pirate, Barbarossa, who carried all before him, and at length caused himself to be proclaimed king. See BARBAROSSA. In 1544, the pacha of Egypt conquered Tremears; in 1555, Bujia, and in 1569, Tunis; which, however, regained its independence in 1628, but, in 1754, was conquered a second time, and since then has remained more or less dependent upon Algiers. See ALGIERS, TRIPOLI, TUNIS, &c.

BARBERINI URN, said to have contained the ashes of the Roman emperor, Alexander Severus, deposited in the earth about 235; dug up by Pope Barberini, alias Urban VIII. between 1623 and 1644; sold to the duke of Marlbro', out of the Portland Museum, for 980 guineas, 1786; others are of opinion that the workmanship is Roman, not Grecian, and older than the time of Severus, and sculptured by the wheel. On the Sarcophagus is the story of Achilles and Briseis; on the vase, that of Admetus and Alcestes; it is $9\frac{3}{4}$ inches high, and $21\frac{3}{4}$ inches round.

BARBERS, brought from Sicily to Rome, A.C. 299; incorporated with the surgeons in London A.D. 1540; disassociated again, 1744.

BARBUDA ISLE, first planted by the English, 1628.

BARCELONA, town of Spain, the capital and largest city of the province of Barcelona, was founded by the Carthaginians, and called after the general Hannibal Barcino. After the foundation of this ancient city, its fortunes were various, and its masters many. The Romans, Goths, Moors, and Franks, were succeeded by the counts of Barcelona, who governed it until some time in the 12th century; after this period, by the marriage of Raymond V. with Petronilla, daughter of Ramiro II., king of Arragon, it became united with that ancient kingdom. In 1640, it attached itself to France, but returned to its former and natural al-

liance in 1652. In 1691, it was besieged by the French, and taken by them in 1697, but restored by the treaty of Ryswick. In the war of the Spanish succession, Barcelona joined the party of the archduke Charles, but was besieged and taken by the duke of Berwick, for Philip V., Sept. 7, 1714, when the fortress on the east side of the city was erected. In 1809, the French general Duhesme, took the city by surprise, and retained possession until 1814, when the French were called home to defend their own country. In 1821, Barcelona was desolated by the yellow fever.

BARCLAY, ROBERT, one of the most eminent among the quakers. He joined them in 1669, and distinguished himself by his zeal and abilities in defence of their doctrine. In 1676, he published, in Latin, at Amsterdam, his "Apology for the Quakers," which is the most celebrated of his works. He travelled with the famous Mr. William Penn, through a considerable part of England, Holland, and Germany, and was everywhere received with the greatest respect. He died October 3, 1690, aged forty-two.

BARCLAY, CAPTAIN, concluded his walking bet, to walk 1000 miles in 1000 successive hours, July 10, 1809.

BARCLAY & Co's BREWERY, Bank-side, Southwark, destroyed by fire, May 22, 1832.

BARDS, WELSH, massacred by order of Edward I, 1282.

BARHAM of 74 guns foundered on the coast of Corsica, July 29, 1811.

BARING, Transport, wrecked on the rocks off Beerhaven by a gale, and several lives lost, Oct. 10, 1814.

BARK, JESUITS', virtue of, discovered 1500; first brought to Europe, 1650.

BARKER, ROBERT, an English artist, inventor of the panorama, died 1806.

BARKWAY greatly damaged by fire, Aug. 18, 1748.

BARLING ABBEY, Lincolnshire, built 1180.

BARLOW, JOEL, envoy extraordinary from the United States, to the court of France, born 1756, died 1812.

BARLOW, WILLIAM, natural philosopher, died 1625.

BARLOW, DR. THOMAS, a learned prelate, born 1607, appointed fellow of Queen's College, Oxford, in 1633, was keeper of the Bodleian Library, and in

1657, chosen provost of Queen's College. In 1675, he was made bishop of Lincoln. The greatest part of his writings are against popery. But after James ascended to the throne, he seemed to have relaxed in his opposition to it. His compliances were much the same after the revolution. He died at Buckden, Huntingdonshire October 8, 1691, aged eighty-five.

BARNABITES, (foundation of) in France, 1533

BARNARD, SIR JOHN, his statue erected in the Royal Exchange, London, May 23, 1747.

BARNEVELT, JOHN-OLDEN, a minister of Holland eminently distinguished by his abilities and patriotism, was born in 1547. In 1618, he was arrested and imprisoned in the castle of Louvenstein, for his attachment to Arminian principles. Prince Maurice, to whom application was made from various quarters in his favour, remained inexorable, and he was condemned to death. On the morning of execution, having prayed with the minister who attended him, he rose from his knees with composure, declared his innocence to the spectators, and desired the executioner to perform his office. His head was struck off at a blow, in his seventy-second year, May 13, 1619.

BARNWELL, near Cambridge, destroyed by a fire, Sept. 30, 1751; again, Dec. 16, 1757.

BARNWELL CASTLE, Northamptonshire, built 1132.

BAROMETERS, invented by Torricelli in 1643; pressure of the air proved by Pascal in 1648; employed as a weather-glass, and for the measurement of heights about 1660.

BARON, the title first created by patent in England, 1388.

BARON OF RENFREW, wonderful timber ship of 9000 tons burden, bound from Quebec to London; lost between Calais and Dunkirk, Oct. 23, 1825.

BARON, the French Roscius, born 1652, died 1729.

BARONS, first summoned to parliament in 1204; the writ was directed to the bishop of Salisbury.

BARONETS first created in England, 1611.

BARONETS of Nova Scotia first created 1625.

BARONIUS, CÆSAR, a learned cardinal, born 1538, died, 1607, aged 68.

BARRAS, chief of the executive directory during the French revolutionary government, died January 29, 1828.

BARRI, MADAM DU, formerly mistress of Louis the 15th, was guillotined Dec. 8, 1793.

BARRINGTON ISLE, one of the Galapagos, explored, June, 1793.

BARRINGTON, JOHN SHUTE, Lord Viscount, a learned nobleman, particularly distinguished by his attention to theological subjects, born at Theobald's in Hertfordshire, in 1678. In 1701, commenced his literary career, by "An Essay upon the Interests of England in respect to Protestants dissenting from the Established Church." Obtained the office of commissioner of the customs, from which he was removed by the Tory administration of queen Anne in 1711, on account of his avowed opposition to their principles and conduct. In 1720, he was advanced by the king to an Irish peerage, under the title of viscount Barrington, of Ardglass. In 1723, he suffered the very severe and unmerited censure of expulsion from the house of commons, for opposing the reigning ministry. In 1725, he published, in two volumes 8vo., his "Miscellanea Sacra," and in the same year, "An Essay on the several Dispensations of God to Mankind, in the order in which they lie in the Bible; or, a short system of the religion of Nature and Scripture." He was also the author of several other tracts, chiefly on subjects connected with toleration in matters of religion. He died in 1734, aged fifty-six.

BARRINGTON, DAINES, antiquarian and miscellaneous writer, born 1727, died 1800.

BARROW, DR. ISAAC, a very eminent divine and mathematician, was born in London 1630. In 1643, was admitted a pensioner of Peter-house, in Cambridge; 1645, entered a pensioner of Trinity College, where he was erected fellow in 1649. Perceiving that the circumstances of the times were, in consequence of his attachment to the royal cause, unfavourable to persons of his opinions, he determined to devote himself to the medical profession. In 1652, commenced master of arts, and was incorporated in that degree at Oxford. But influenced by the aspect of public affairs, he resolved to travel abroad, and set out in 1655. He visited France and Italy; and in 1656, set sail from Leghorn to Smyrna; and in the course of his voyage, he had an opportunity of

manifesting his intrepidity by standing to his gun, and defending the ship on which he had embarked, against the attack of an Algerine corsair, and beating off the enemy. In 1659, he passed through Germany and Holland into England.

Soon after his return, he was ordained by bishop Browning; and when the king was restored, his friends expected that this attachment to the royal cause would have been rewarded by some considerable preferment; but their expectations were disappointed. In 1660, he was chosen Greek professor at Cambridge; and in consequence of this appointment, he read lectures on the rhetoric of Aristotle. In 1662, he was elected to the professorship of geometry at Gresham College. In 1663, was included in the first choice of members made by the Royal Society, after receiving their charter. He determined in 1669 to exchange his mathematical studies for those of divinity. In 1670, he was created doctor in divinity by mandate; and in 1672 he was nominated to the mastership of Trinity College, by the king, who observed, "that he had bestowed it on the best scholar in England." In 1675, he was chosen vice-chancellor of the university; but his services in this high and honourable station were speedily terminated by his death, occasioned by a fever, in London, May, 1677, aged 47.

His works on theology appeared in 1685, in three volumes, folio; there have been several editions since. They consist of sermons, of expositions of the creed, the Lord's prayer, and the decalogue; of the doctrine of sacraments, and of treatises on the pope's supremacy, and the unity of the church. A fourth volume in Latin, entitled "Opuscula," was published in 1687, and consists of Determinationes, Conciones ad Clerum, Speeches, Latin poems, &c.

BARROW'S STRAITS, discovered by Lieut. Parry, 1819, who penetrated as far as Melville Island, in lat. $74^{\circ} 26''$ and long. $113^{\circ} 47''$ W. The straits were entered Aug. 3.

BARRY, an eminent Irish artist, born in 1741. He formed an acquaintance with the celebrated Edmund Burke, and under his patronage, set out for the Continent in 1765. In 1775, he published an inquiry into the real and imaginary obstructions to the acquisition of the arts in England. He undertook to ex-

ecute by himself the paintings for the great room of the Society of Arts, in the Adelphi. They consist of a series of six pictures, intended to illustrate the dependence of public and individual happiness upon the cultivation of the human faculties. The earl of Buchan set on foot a public subscription on his behalf, which amounted to about a thousand pounds, when these benevolent exertions were rendered useless by his death, which happened Feb. 22, 1806.

BAR-SUR-AUBE, taken by general Wrede, Feb. 26, 1814.

BARTHELEMI, JOHN JAMES, a French abbé, highly celebrated for his literary attainments and virtues, born at Cassis, a little sea-port on the shores of the Mediterranean, Jan. 1716. In 1747 he succeeded M. Burette, as associate to the academy of inscriptions. In 1753, he succeeded M. de Boze as principal keeper of the medals. In 1754, he followed M. de Stainville, prime minister, afterwards duke of Choiseul to Rome, and made a tour to Naples, where the subterraneous treasures of Herculaneum and Pompeii engaged his particular attention. He returned to Paris in 1757, and in 1758, obtained the place of secretary-general of the Swiss. When his patron, the duke of Choiseul, was banished in 1771, Barthelemi accompanied him in his exile. In 1788, appeared his celebrated work entitled "Voyage du Jeune Anacharsis in Grece, dans le Milieu du quatrieme Siecle avant l'Ere Chretienne." He had begun it in 1757, and, during an uninterrupted succession of 30 years, occupied his leisure hours in bringing it to maturity. In 1789, he was elected to the chair in the French academy. Aug. 30, 1793, he was denounced as an aristocrat, and imprisoned, but afterwards liberated. He died April 30, 1795, aged 80.

BARTHOLOMEW, ST., in the West Indies, taken from the Danes by England, March 20, 1801.

BARTHOLOMEW, ST. MONASTERY Smithfield, built 1162; hospital founded, 1546; rebuilt from 1750 to 1770.

BARTHOLOMEW, ST., festival, instituted 1130.

BARTHOLOMEW FAIR, London, Philips' booth fell, two persons killed, and many wounded, Aug. 23, 1749. Toll abolished, 1755.

BARTHOLOMITES, SECT OF,

founded at Genoa, 1307; suppressed by pope Innocent X., 1650.

BARTOLO, PIETRO SENITO, an eminent painter, born 1635, died 1700.

BARTOLOMEO, FRA. DE ST. MARCO, an eminent Florentine painter of scriptural subjects, born 1469, died 1517.

BARTON-STACY, in Hampshire, had 27 houses, beside out-houses, destroyed by fire, May 8, 1792.

BARTON, ELIZA, "Holy Maid of Kent," an epileptic impostor, whom the catholic clergy made use of to deter Henry VIII. from his quarrel with the pope. This "lewd and silly nun," as Sir Thomas More, who once countenanced her pretensions to a divine mission, terms her, while in the humble capacity of a servant at an inn at Adlington in Kent, acquiring a local reputation for sanctity and miraculous endowments, the parson of her parish, with some other priests, determined to convert her trances and ravings to their own views and interests. But the deluded prophetess venturing to prophesy against evil doers in high places was, with her accomplices, beheaded, April 21, 1534, at Tyburn, for her predictions against Henry VIII., respecting his divorce from Catherine, and his marriage with Ann Boleyn.

BASIL, ST., died 379, aged 53.

BASIL, Switzerland, University of, founded 1458.

BASSINGWARK ABBEY, Flintshire, built 1131.

BASKERVILLE, JOHN, a celebrated printer of Birmingham, born 1706, died 1775.

BASSORA, BALSORAH, or BASRAH, a city in Arabia Irak, built by command of the caliph Omar, in the 15th year of the Hegira, A. D. 656, for the sake of carrying on, more commodiously, an extensive commerce between the Syrians, Arabians, Persians, and Indians. After repeated contests between the Turks and the Persians, about this place, it came into the power of the former in 1668. In the year 1777, the Persians took it, but abandoned it to the Turks the year following. In 1787, the Turks were expelled by the Arabs; but some time after they succeeded in recapturing it, under Soliman, pacha of Bagdad, and it has remained in their hands ever since.

BASS'S STRAITS, discovered 1797. Mr. Bass, Surgeon of his majestys ship "Reliance," penetrated as far as Wes-

tern Port, in a small open boat, from Port Jackson, and was of opinion that a strait existed between New South Wales and Van Diemen's Land. In 1799, Lieut. Flinders circumnavigated Van Diemen's Land, and named the strait after Mr. Bass.

BASTIA, a town in the island of Corsica, formerly the capital of the island. Taken from the Genoese by the English in 1745, but restored in 1746: it was besieged, ineffectually, by the Austrians and Piedmontese, in 1748; in 1768, it was annexed to the crown of France; the English possessed themselves of it in the year 1794, but held it only for a short period; and with this exception, it has been attached to France since 1768. In the territorial partition of France, in 1791, Bastia was made the capital of a department, in which rank it has been since superseded by Ajaccio.

BASTILLE, or Bastile of Paris, was begun to be built in 1369, by order of Charles V., and was finished in 1383, under the reign of his successor. Its chief use was for the custody of state prisoners; or, more properly speaking, for the clandestine purposes of unfeeling despotism. This castle consisted, according to Mr. Howard, of eight very strong towers, surrounded with a fosse about 120 feet wide, and a wall 60 feet high. It was attacked and taken by the Parisian mob, July 14, 1789.

It was just at the commencement of the French revolution, that some unknown individual, on that morning, after attracting the attention of the citizens, exclaimed, "Let us take the Bastile." The name of this fortress, which recalled to the memory of the people every thing hateful and odious in the ancient despotism, operated with all the effect of electricity. The cry of "To the Bastile," resounded from rank to rank, from street to street, from the Palace Royal to the suburbs of St. Antoine. Though a formidable resistance was made by De Launay, the governor, the gates were at length forced, the besiegers entered, and this castle was taken by storm in less than four hours, which had menaced France for nearly as many ages, and which an army, headed by the great Condé, had formerly besieged in vain, during three-and-twenty days. De Launay, whose name had been long odious to the Parisians, was put to death, in his way to his town-house. The Bas-

tile was immediately devoted to destruction: the unhappy prisoners were released in triumph; the instruments of torture were dragged from the dungeons, and exposed to day, and the destiny of the monarch and the monarchy seemed to be already decided.

BATAVIA, town in the island of Java, the capital of all the Dutch possessions in the East Indies. It was founded by the Dutch in the year 1619, after the conquest of Jocastra, by John Pieterse Coen, it was taken by the British, Jan. 1782, and again, Sept. 1800, but remained in their possession only a short time. Batavia was formerly notorious for its insalubrity. Recently, however, the Baron Capellen exerted himself to prevent its further decay; he widened several of the streets, filled up some of the canals, and cleaned others, demolished useless fortifications, &c., so that it is now as healthy as any other town in the island. The population in 1834, consisted of 3,025 Europeans and their descendants, 23,108 natives, 14,708 Chinese, 601 Arabs, and 12,419 slaves; in all, 53,861 persons, exclusive of the garrison.

BATH, order of Knighthood, instituted in England at the coronation of Henry IV., 1399, renewed, 1725.

BATH, City, the *Aquæ Solis* of the Romans, early celebrated for its medicinal waters, which are said to have been discovered A.C. 871. Bath was one of the principal Roman stations in England, and probably, originally built by them, about A. D. 44. Attracted by the medicinal and warm springs, the Roman soldiers were fixed in this place in the reign of Adrian, about 118. The Romans having enjoyed the possession of Bath for nearly four centuries, it was subjugated by the Saxons in 577. King Edgar was crowned and inaugurated here, 973, and testified his regard for the place by granting it several privileges. Several coins of Canute the Great, struck here, during the Danish dominion, are still remaining in some select cabinets. After the Norman conquest in Rufus's reign, in the insurrection raised by Odo, bishop of Bayeux, Geoffrey, bishop of Constance, and Robert de Mowbray, the two latter took the place by assault, and delivered it over for plunder and burning. John de Villula purchased it of Rufus, in 1090, for 500 marks, and obtained permission to remove the pontifical seat from Wells hither. He rebuilt the city,

erected a new monastery upon the ruins of the old one, and united the bishopric to this institution. Thus reinstated, Bath gradually increased its monastic possessions, but the dissolution of Henry VIII. drove the monks from its monastery, when the abbey-house with its lands, &c., were granted to private individuals. In the earlier part of the civil wars, this city was garrisoned for Charles I., notwithstanding which, it quickly surrendered to the enemy, and was made one of the principal posts for the parliament's forces, till after the battle of Roundway-down, July 13, 1643, when the king's troops took possession of the city.

1755. A most valuable remnant of antiquity was discovered August 18, at Bath, under the foundation of the abbey-house, then taking down, in order to be rebuilt by the duke of Kingston. The workmen, when digging, came to the remains of an ancient building, and some cavities, which led to a further research, when Roman baths and sudatories, constructed upon the most elegant plans, were found with floors suspended upon square brick pillars, and surrounded with tubulated bricks for the conveyance of heat and vapour. It appears that the Romans, although at so remote a period, entertained higher ideas of the convenience, elegance, and use of baths, than the opulent inhabitants of Britain have yet discovered for themselves.

The present city rose to eminence chiefly during the 18th century, and it is now probably the handsomest and most regularly built city in England. The guildhall, a magnificent structure, containing several very noble apartments, was commenced in 1766, and finished in 1775. The pump-room was erected at the expense of the corporation in 1797; it is 85 feet in length by 46 in width, with a height of 34 feet. The springs are carefully enclosed, and there are two hot baths, called the king's and queen's, attached to the pump-room, the first of which is supplied immediately by the hot spring, and extends 65 feet in length by 40 feet in breadth, containing, when full to the proper depth, 346 tons of water. The queen's bath is supplied from the king's and the water suffers a diminution of temperature in its transit. Attached to this establishment are private baths, sudatories, &c. Besides this great establishment, there are the

Kingston, the hot, and the cross baths, all fitted up with much elegance, and having pump-rooms attached to each.

BATHS, Ancient. The most magnificent baths among the Romans were those of Titus, Paulus Æmilius, and Dioclesian, of which there are some ruins still remaining. It is said that at Rome, there were 856 public baths. Nero, Vespasian, Titus Domitian, Severus, Gordian, Aurelian, Maximian, Dioclesian, and most of the emperors who studied to gain the affections of the people, erected baths laid with the richest marble, and wrought according to the rules of the most delicate architecture. Baths of Agrippa were built of brick, but painted in enamel: those of Nero, were not only furnished with fresh water, but even had the sea brought into them: those of Caracalla were adorned with 200 marble columns, and furnished with 1600 seats of the same material.

The Romans who enjoyed dominion in our island near four hundred years, had their baths here. At Hovingham in the north riding of Yorkshire, 1745, a Roman bath was discovered which had its sudaria and vaporarium; and ten years after, in taking down the abbey-house at Bath, to build a new set of baths, the workmen found the remains of very noble Roman baths, for a more particular account of which see the preceding article.

In England, a magnificent building of the kind occurs among the monastic conveniences of the middle ages, erected by Hugh, the sacrist of the monastery of Bury, early in the 12th century, finished by Sampson, who was elected abbot in 1182.

BATHURST, EARL, the friend of Pope, born 1684, died 1775.

BATTERSEA-BRIDGE, built 1770.

BATTERING-RAM, invented A. C. 441.

BATTLES. The following are the principal, arranged in chronological order:—

A. C. 669. The Horatii and Curiatii.

A. C. 480. Salamis, which delivered Greece from the Medes.

A. C. 470. Eurymedon.

A. C. 373. Leuctra.

A. C. 363. Mantinea.

A. C. 338. Chæronea.

A. C. 490. Marathon.

A. C. 334. The river Granicus, when Alexander defeated the Persians.

A. C. 333. **BATTLE** fought at Issus, where Darius lost 100,000 men.

A. C. 331. Arbela. See **ARBELA**.

A. C. 216. Cannæ, where 40,000 Romans were killed. See **CANNÆ**.

A. C. 47. Pharsalia, when Pompey was defeated.

A. C. 40. Philippi, which terminated the Roman republic.

A. C. 31. Actium.

A. D. 51. Shropshire, when Caractacus was taken prisoner.

449. Stamford, in Lincolnshire. The first between the Britons and Saxons.

455. Aylesford.

457. Crayford, in Kent, when the Britons were defeated.

458. Kydwelly, between the Britons and the Armoricans.

466. Ipswich, between the Britons and Saxons.

520. Bath.

542. Banbury, in Oxfordshire.

571. Bedford.

542 and 908. Camelford.

633. Hatfield, in Yorkshire, between Cadwallen and Edwin.

641. Oswestry, between Panda and Mercian, and Oswald of Northumberland.

642. Malerfield, in Shropshire, Aug. 1.

651. Gelling.

665. Leeds.

740. Lindesfarne

771. Benson, in Oxfordshire.

834. Helstone, in Cornwall, and in the Isle of Sheppy, between Egbert and the Danes.

842. Romney. 843. In [Somersetshire. 915. In Devonshire. 852. At London and Canterbury, between Ethelwolf and the Danes.

854. The Isle of Thanet, where the English were defeated, and the Danes settled.

871. Assenden, where the Danes were defeated by Alfred and Ethelred. Another defeat at Merton.

872. Wilton, in Oxfordshire, where the English were defeated by the Danes.

894. Farnham, in Hampshire, where the Danes were defeated.

905. Bury, in Suffolk, between Edward the elder, and his cousin Ethelwald.

910, 913, and 914 Edward and the Danes.

916. Griffith, of Wales, and Leofric, the Dane

918. BATTLE fought at Malden, in Essex, between Edward and the Danes.

922. Chester.

923. Stamford, in Lincolnshire, between Edward, the Danes, and Scots.

924. Benfield.

938. Widendane, between Athelstane, the Irish, and Scots.

938. Brombridge, in Northumberland.

938 to 1016. Saxons and Danes, fought several with different success.

1016. Ashden, in Essex, between Canute and Edmund.

1038. Crossford, with the Welsh.

1054. Dunsinane, in Scotland, between Siward and Macbeth.

1066. Stanford-bridge, or Battle-bridge, between Harold II. and Harfingcr, September 25.

1066. Hastings, when king Harold was slain, October 14.

1092. Alnwick.

1106. Tinchebray, in Normandy.

1117. Rouen, in Normandy

1119. Brenneville, in Normandy.

1129. Velweves, in Portugal.

1136. Cardigan, in Wales.

1138. Northallerton, or the Standard, August 22.

1141. Lincoln.

1174. Alnwick.

1191. Ascalon, September 16

1128. Gisors.

1214. Bovines, July 25.

1217. Lincoln, May 19.

1264. Lewes, May 14.

1264. Evesham, August 5.

1296. Chesterfield.

1296. Dunbar, April 27.

1298. Falkirk, July 22.

1302. Courtras, in Flanders.

1303. Biggar.

1314. Bannockburn, June 25, when the English were totally defeated.

1315. Morgarten, so glorious in the annals of Swiss liberty, in which 1,300 Swiss heroes, under the glorious Rudolph Reding, defeated 20,000 Austrians, and freed their country from the foreign yoke, Nov. 15.

1322. Boroughbridge, in Yorkshire.

1333. Halidon-hill, near Berwick, where 20,000 of the Scots were slain, and only 15 English, July 29.

1346. Halidon Hill, August 26.

1337. Causant, in Flanders, November.

1344. Auberoche, in France.

1346. Cressy, Aug. 26. See CRESSY.

1346. Durham, where David, king of Scotland, was taken prisoner, Oct 17.

1347. BATTLE fought at evil's Cross, in Durham.

1356. Poitiers, where the king of France and his son were taken prisoners, September 19. See POICTIERS.

1363. Auray, in Brittany.

1363. Brignai, in Provence.

1369. Najard.

1371. Rochelle.

1378. Near Berwick.

1388. Otterborn, between Hotspur and the earl of Douglas, July 31.

1402. Nisbet, between the English and Scots, when 10,000 of the latter were slain, May 7.

1403. Shrewsbury, July 22.

1405. Monmouth, when the Welsh were defeated, March 11, and May 11.

1415. Agincourt, October 25. See AGINCOURT.

1421. Beauge, where the duke of Clarence and 1,500 English were killed, April 3.

1423. Crevent, June.

1424. Verneuil, August 16.

1429. Herrings, February 12.

1434. Herberoy, in France.

1444. Basil, in Switzerland.

1452. Castillon, in Guiene.

1455. St. Albans, May 22.

1459. Bloreheath, September 22.

1460. Northampton, July 19.

1460. Wakefield, December 31.

1461. Towton, March 29.

1461. St. Albans, Shrove Tuesday.

1461. Mortimer's Cross.

1463. Hexham, May 15.

1469. Banbury, July 26.

1470. Stamford, March 13.

1471. Barnet, April 14.

1471. Tewkesbury, May 4.

1471. Morat, or Murten, in which the heroic Swiss destroyed the entire army of Charles the Bold, duke of Normandy, and, of the bones of the slain, made two pyramids as a memorial of their bravery.

1485. Bosworth, August 22

1487. Stoke, June 6.

1488. St. Aubin, in France.

1491. Knockton, Ireland.

1497. Blackheath, June 22.

1513. Flodden, when James IV. of Scotland was killed, September 9.

1515. Marignon, in Italy, October 13.

1524. Pavia, in Italy. See PAVRIA.

1522, and 1525. Bicoca, in Italy.

1542. Solway, November 24.

1544. Cerisoles, in Piedmont.

1547. BATTLE fought at Musselburgh, Scotland, September 10.
1557. St. Quintin, August 10.
1558. Gravelines, in Flanders.
1562. Dreux, in France.
1569. Jarma, in Poitiers.
1585. Ardavat, in Ireland.
1600. Newport, in Flanders.
1620. Prague, Bohemia.
1633. Lutzen, king of Sweeden killed, September 7.
1635. Avein, in Liege, May.
1637. Newcastle, in Northumberland.
1638. Calloo, in Flanders.
1640. Arras, June.
1642. Hopton-heath, in Staffordshire, March 19.
1642. Worcester, September 23.
1642. Edgehill, October 23.
1642. Brentford.
1642. Kilrush, Ireland.
1642. Lisscarrol, Ireland.
1643. Liskard, in Cornwall, Jan. 19.
1643. Hopton-heath, near Stafford, March 19.
1643. Barham-moor, March 29.
1643. Ross, Ireland, March.
1643. Rocray, in France.
1643. Shatton, May 16.
1643. Lansdown, July 5.
1643. Round-away-down, July 13.
1643. Newbury, September 20.
1644. Alresford, March 29.
1644. Cropedy-bridge, Oxfordshire, June 6.
1644. Friedburgh, in Suabia.
1644. Marston-moor, July 2.
1644. Newark.
1645. Aldern, May 15.
1645. Naseby, June.
1645. Alford, July 2.
1645. Norlingen, in Suabia, Aug. 3.
1646. Benburb, Ireland.
1647. Kingston, in Surrey.
1647. Knocknoness, in Ireland, November.
1649. Rathmines, in Ireland.
1650. Dunbar, September 3.
1651. Worcester, September 3.
1651. Bothwell-bridge, June 22.
1654. Arras.
1668. Brod, in Slavonia.
1674. Zintzheim, in Germany.
1674. Seneffe, in Flanders.
1674. Mulhausen, in Alsace, December 31.
1675. Fahrbellin, in Brandenburg, June 18.
1675. Altenheim, July 28.
1679. BATTLE fought at Bothwell-bridge, in Scotland.
1683. Argos, Allies and Turks.
1683. Barkan, in Hungary, Allies and Turks.
1683. Vienna, Allies and Turks, July 18.
1685. Sedgemoor, in Somersetshire, August 6.
1685. Coron, in European Turkey, Allies and Turks.
1687. Mohats, in Hungary, Allies and Turks, August 4.
1687. Hersen, in Hungary. Allies and Turks.
1688. Torvan, between the Germans and Turks.
1689. Walcourt, Allies and French.
1689. Killikrankie, in Scotland.
1689. Newton Butlers, in Ireland.
1690. Boyne, in Ireland, July 1. See BOYNE.
1690. Salusses, in Piedmont, Aug. 8.
1690. Fleurus, in Flanders, July 12.
1690. Stafferda, French and Piedmontese.
1691. Salenkemen, Austrians and Turks.
1691. Leuse, Allies and French.
1691. Angrim, July 22.
1692. Potsheim, Germans and French.
1692. Steinkirk, Allies and French.
1693. Landen, Allies and French, July 19.
1693. Marfaglia, Piedmontese and French, October 8.
1693. Neckar, Germans and French.
1695. In Transylvania, Allies and Turks.
1696. Olasch, Germans and Turks.
1697. Zeuta, in Hungary, Germans and Turks.
1700. Nerva, by Charles XII., of Sweden, December.
1701. Chiara, French and Allies, Aug. 6.
1701. Riga, Russians and Poles.
1701. Carpi, in Modena, French and Allies.
1702. Glissa, in Poland, Swedes and Saxons.
1702. Fridlingen, in Suabia, French and Germans.
1702. Vittoria, French and Allies.
1702. Lauzara, in Italy, August 15.
1703. Pultusk, Poles and Swedes.
1703. Eckeren, in Brabant, French and Dutch, June 30.
1704. Donavert, French and Germans, July 2.
1704. Punits, Swedes and Saxons.

1704. BATTLE fought at Blenheim, Allies and French, August 2. See **BLENHHEIM**.

1704. Schlemberg, Austrians and Bavarians.

1705. Mittau, Swedes and Russians, July.

1705. Cassano, in Italy, French and Allies.

1705. Tirlmont, French and Allies.

1706. Fraunstadt, in Silesia, Swedes and Saxons.

1706. Calcinato, in Italy, French and Allies.

1706. Ramilies, French and Allies, Whit Sunday.

1706. Turin, French and Germans, September 7.

1707. Offenburg, Germans and French.

1707. Calisch, in Poland, Poles and Bavarians, April.

1707. Almanza, in Spain, Allies and Spaniards.

1708. Oudenarde, French and Allies, June 30.

1708. Holowzin, in Russia, Russians and Swedes.

1708. Czarnanapata, in Muscovy, September 22.

1708. Lezno, in Poland, Russians and Swedes.

1708. Gemauthorff, in Poland, Russians and Swedes.

1708. Winnendale, French and Allies, September 28.

1709. Caya, French and Allies, May 17.

1709. Pultowa, Russians and Swedes, June 8.

1709. Malplaquette, French and Allies, September 11.

1709. Rumersheim, French and Germans.

1709. Gudina, Allies and Spaniards.

1710. Almanza, French and Allies, July 16.

1710. Elsinburgh, Swedes and Danes.

1710. Saragossa, French and Germans, August 20.

1710. Villa Viciosa, French and Germans, December 12.

1711. Arleux, Allies and French.

1712. Gadebash, Swedes and Danes.

1712. Denain, in Netherlands, Allies and French.

1713. Pulkona, Russians and Swedes.

1713. Friburg, French and Germans.

1715. Preston, in Scotland, when the rebels were defeated, November 12.

1715. Dumblain, ditto, November 13.

1716. BATTLE fought at Peterwarden, Austrians and Turks, August 5.

1717. Belgrade, Austrians and Turks, July 16. See **BELGRADE**.

1719. Glenshields, in Scotland, June 10.

1733-4. Before Babylon, between the Turks and Persians, when Kouli Khan lost 10,000, and killed 30,000 men, February 28.

1734. Parma, June 29.

1734. Guastella, August.

1734. In Persia, where the Turks were totally defeated by Kouli Khan, and lost near 60,000 men, a general, and six bashaws, May 22.

1734. Bitonto, Austrians and Spaniards.

1734. Parma, France and Spain against Austria.

1734. Secchia, French and Austrians.

1735. Turks and Persians; 50,000 of the latter killed.

1737. Bagnialuk, in European Turkey, Russians and Turks, July 27.

1738. Bog, Russians, and Turks.

1738. Krosta, Austrians, and Turks.

1739. Kernal, Turks and Persians.

1739. Choezin, in Hungary, July 21.

1741. Molwitz, Prussians and Austrians, April 10.

1741. Williamstadt, in Sweden, Swedes and Russians, July 23.

1742. Hilkesburg, Prussians and Austrians, April 8.

1742. Czaslaw, ditto, May 7.

1742. Teyn, Austrians and French.

1743. Brenau, Austrians and Bavarians.

1743. Campo Santo, Spaniards and Allies.

1743. Dettingen, Allies and French, June 15.

1744. Cani, Allies, French and Spaniards.

1745. Landshut, Prussians and Austrians.

1745. Friedburg, Prussians and Austrians, June 4.

1745. Fontenoy, April 30.

1745. Preston-Pans, Sept. 21.

1745. Erzerum, Turks and Prussians.

1746. Falkirk, in Scotland, Jan. 17

1746. Roucoux, French and Allies, April 12.

1746. Culloden, in Scotland, April 17. See **CULLODEN**.

1746. St. Lazaro, French and Allies, May 31.

1746. Placentia, Spaniards and Allies, June 15.

1746. BATTLE fought at Exilles, in Piedmont, Allies and French, July 6.
 1747. Vall, in Flanders, Allies and French, June 20.
 1747. Lassielt, Allies and French, July 20.
 1751. Arania, in India.
 1752. Bahoor, in India, Aug. 7.
 1755. Fort du Quesne, North America, July 9.
 1755. Lake of St. George, Sept. 8.
 1755. Paraguay.
 1756 and 1759, Calcutta in India, June.
 1756. Lowoschutz, Prussians and Austrians, Sept. 30.
 1757. Norkitten, Russians and Prussians.
 1756. Plassie, in the East Indies, Feb. 5.
 1757. Prague, Prussians and Austrians, May 22.
 1757. Reichenberg, in Bohemia, ditto
 1757. Kolin, ditto, June 12.
 1757. Haslenbeck, French and Allies, July 25.
 1757. Jagersdorf, in Prussia, Aug. 3.
 1757. Rosbach, French and Prussians, Nov. 5.
 1757. Breslau, Prussians and Austrians, Nov. 21.
 1757. Lissa, ditto, Dec. 5.
 1758. Hoya, in Westphalia, French and Allies, Feb. 24.
 1758. Crevelt, French and Allies June 23.
 1758. Sandershansen, ditto, July 25.
 1758. Meere, ditto, Aug. 5.
 1758. Zorndorff, Prussians and Austrians, Aug. 25.
 1758. Olmitz, ditto.
 1758. Hockkirchen, Oct. 10.
 1758. Landwarenhagen, French and Allies.
 1758. Colies.
 1759. Bergen, French and Allies, April 14.
 1759. Minden, ditto, Aug. 17.
 1759. Zulichaw, in Silesia, Prussians and Russians, July 27.
 1759. Peterswalde, Prussians and Austrians.
 1759. Pasberg, ditto.
 1759. Niagara, in North America, July 24.
 1759. Warburg, French and Allies, Aug. 6.
 1759. Montmorenci, French and English, Aug. 10.
 1759. Cunersdorf, Prussians, Russians, and Austrians, Aug. 12.
 1759. Plains of Abraham, French and English, Sept. 15.

1760. BATTLE fought at Wanwash, East Indies, Jan. 10.
 1760. Strehla, in Silesia, Prussians and Austrians.
 1760. Near Quebec, April 28.
 1760. Pasffendoff, Prussians and Austrians, Aug. 12.
 1760. Torgau, ditto, Nov. 3.
 1760. Fulda, ditto.
 1760. Plains of Silleri, English and French.
 1761. Langensaltze, Allies and French.
 1761. Slangeroode, ditto.
 1761. Kirk-Dankern, ditto.
 1761. Fillinghansen, in the Palatinate, Prussians and Austrians, July 16.
 1761. Dippolswalda, ditto.
 1762. Graebenstein, French and Allies, June 4.
 1762. Buckersdorf, ditto, July 22.
 1762. Fredburg, in Hesse, Prussians and Austrians, Oct. 29.
 1762. Homburg, Allies and French.
 1762. Johannesburg, Allies and French.
 1762. Minden, ditto.
 1762. Buckr-Muhl, ditto.
 1763. Bushy Bun, in America.
 1763. Nunas Nullas, in the East Indies.
 1764. Buxard, ditto.
 1765. Calpi, ditto.
 1767. Errour, ditto,
 1768. Mulwaggle.
 1769. Choczim, Russians and Turks, April 30.
 1770. Brailow, in European Turkey.
 1773. Silistria in European Turkey.
 1775. Lexington, near Boston, April 19.
 1775. Bunker's-hill, June 27.
 1776. Long-Island, America, Aug. 27.
 1776. White Plains, near New York, Nov. 30.
 1777. Brandy- Wine Creek, in America, Sept 13.
 1777. Of the Lakes, July 5.
 1777. Skenesborough, in North America, July 7.
 1777. Bennington ditto, Aug. 16.
 1777. Albany ditto.
 1777. Saratoga, General Burgoyne surrendered to the Americans, Oct. 7.
 1777. Germantown, Oct. 14.
 1778. St. Lucie, ditto.
 1778. Monmouth, ditto
 1778. Rhode Island, Americans.
 1779. Briar Creek, ditto.
 1779. Stony Ferry, ditto.
 1780. Camden, ditto, Aug. 16.

1780. BATTLE fought at Perimbanam, in the East Indies.
1780. Waxau and Catauba, in N. America.
1781. Broad River, ditto.
1781. Guilford, ditto, March 16.
1781. Hobkirk's-Hill, ditto.
1781. Eutaw Springs, ditto.
1781. York town, when earl Cornwallis surrendered, Oct. 29.
1781. Port Novo, in the East Indies.
1781. Arnee, ditto.
1781. Russians and Turks.
1788. Russians and Swedes.
1788. Austrians and Turks.
1789. Bassarabia and Ukraine.
1789. Finland, Austrians and Turks.
1789. Lassmarc, Austrians and Turks.
1790. Ukraine, Russians and Turks.
1791. Maczin, ditto.
1791. Seringapatam, in the East Indies. Again, in 1792, when Tippoo was reduced by Lord Cornwallis.
1791. The Austrians defeated the French, near Mons, April 30.
- 1792 At Longwy, when the Austrians were defeated, Aug. 14.
1792. Grand-pre, when the French were defeated, Sept. 10.
1792. Valory, between the French and Austrians, Sept. 20.
1792. Menehould, Prussians and French, Oct. 2.
1792. Conde, Austrians and French Oct. 2.
1792. Hanau, ditto, Oct. 27.
1792. Bossu, ditto, Nov. 4.
1792. Jamappe, when Dumourier entered Brabant, Nov. 6.
1792. Arderlecht, Austrians and French, Nov. 13.
1792. Thirlemont, ditto, Nov. 17.
1792. Varoux, ditto, Nov. 27.
1793. Hockheim, ditto, Jan. 7.
1793. Aldenhoven, ditto, Feb. 28.
1793. Aix-la-Chapelle, ditto, Jan. 15.
1793. Tongres, ditto, March 4.
1793. Jurvienden, near Thirlemont, ditto, March 18.
1793. Thirlemont, ditto, March 19.
1793. Lovaine, or the Iron Mountain, ditto, March 22.
1793. Coblantz, ditto, April 1.
1793. Cassel, ditto, April 7.
1793. Tournay, Austrians and English against the French, May 8.
1793. St. Amand and Maulde, ditto, May 10.
1793. BATTLE fought at Valenciennes, Allies and French May 23
1793. Manheim, ditto, May 30.
1793. Furnes, Dutch and French, June 21.
1793. Furnes, Austrians and French, June 26.
1793. Villiers, ditto, July 18.
1793. Cambray, or Cæsar's Camp, ditto, Aug. 9.
1793. Lincelles, ditto, Aug. 8.
1793. Furnes, ditto, Aug. 21.
1793. Rexmond, ditto, Aug. 29.
1793. Dunkirk, English and French, Sept. 7.
1793. Quesnoy, ditto, Sept. 11.
1793. Limbach, Austrians and French Sept. 12.
1793. Menin, ditto, Sept. 15.
1793. Toulon, [English and French, Oct. 14.
1793. Maubeuge, Allies and French, Oct. 16.
1793. Tirlemont, ditto, ditto.
1793. Orchies, ditto, Oct. 20.
1793. Wanzenaw, ditto, Oct. 25.
1793. Landau, ditto, Nov. 29.
1793. Toulon, when it surrendered to the French, Nov. 19.
1793. Lebach, ditto Nov. 27.
1793. Roussillon, the Spaniards and French, Dec. 11.
1793. Perpignan, ditto, Dec. 20.
1794. Oppenheim, the Allies and French, Jan. 8.
1794. Waterloo, ditto, Jan. 23.
1794. Werwick, ditto, March 1.
1794. Beyonne, Spaniards and French, March 19.
1794. Perle, Allies and French, March 22.
1794. Cateau, Allies and French, March 28.
1794. Cracow, Russians and Poles, April 4.
1794. Durkheim, Allies and French, April 5.
1794. Piedmont, Sardinians and French, April 6.
1794. Crombech, Allies and French April 29.
1794. Arlon, ditto, April 17.
1794. Warsaw, Russians and Poles, April 21.
1794. Landrency, Allies and French, April 24.
1794. Cambray, English and French, ditto
1794. Cateau, ditto, April 26.

1794. BATTLE fought at Courtray, Allies and French, April 29.
 1794. Ostend, ditto, May 5.
 1794. Montesquan, Spaniards and French, May 1.
 1794. Aost, Sardinians and French, May 2.
 1794. Saorgia, ditto, May 8.
 1794. Tournay, English and French, May 16.
 1794. Courtray, Allies and French, May 12.
 1794. Mons, ditto, May 16.
 1794. Tournay, English and French, May 10.
 1794. Bouillion, Allies and French, ditto.
 1794. Tournay, ditto, May 22.
 1794. Lautern, ditto, May 23.
 1794. Lithuania, Russians and Poles, June 3.
 1794. Piliczke, ditto, ditto.
 1794. Barcelona, Spaniards and French, June 26.
 1794. Charleroi, Dutch and French, June 17.
 1794. Cracow, Prussians and Poles, ditto.
 1794. Aost, Sardinians and French, June 26.
 1794. Puycerda, Spaniards and French, ditto.
 1794. Blonie, Russians and Poles, July 7.
 1794. Manheim, Allies and French, July 12.
 1794. Dorbilos, Prussians and Poles, July 19.
 1794. Fontarabia, Spaniards and French, Aug 2.
 1794. Zogre, Prussians and Poles, Aug. 22.
 1794. Bellegarde, Spaniards and French, Aug. 26.
 1794. Valley of Leira, ditto, Sept. 8.
 1794. Maestricht, Allies and French, Sept. 18.
 1794. Clermont, ditto, Sept. 20.
 1794. Piedmont, ditto, Sept. 23.
 1794. Posnania, Prussians and Poles Sept 24.
 1794. Kophir Bazsee, Russians and Poles, Sept. 25.
 1794. Milan, Sardinians and French Sept 30.
 1794. Emmerick, Allies and French, Oct. 2.
 1794. Warsaw, Poles defeated by the Russians, &c. Oct. 12.

1794. BATTLE fought at Druten, English and French, Oct. 20.
 1794. Pampeluna, Spaniards and French, Oct 28.
 1794. Nimeguen, Allies and French Nov. 4.
 1794. Sandomir, Poles and Prussians, &c, Nov. 16.
 1794. Navarre, Spaniards and French Nov. 25.
 1794. Mentz, Allies and French Dec. 1.
 1795. On the Waal, Jan. 11.
 1795. Nantes, between the Chonans and Republicans, Jan. 18.
 1795. Catalonia, March 5.
 1795. Neve Munster, where the French were repulsed March 3 ; again the 18th ditto.
 1795. At Figuras, the Spaniards were defeated, April 5.
 1795. Piedmont, the Piedmontese were defeated, April 12.
 1795. Pontas, in Catalonia, where the French were defeated, June 14.
 1795. Piedmont, the French were defeated, June 14 ; again the 27th, and again July 1.
 1795. Pampeluna, when the French were defeated, July 2.
 1795. Bilboa, when the Spaniards were defeated, July 17.
 1795. Quiberon, the Emigrants were defeated, July 21.
 1795. Urutia, when the French were defeated, July 30
 1795. Vittoria, when the Spaniards were defeated, Aug. 14.
 1795. Piedmont, the Austrians were defeated, Aug. 20.
 1795. La Pietra, when the French were defeated, Aug. 31.
 1795. On the Lahu, when the French were defeated, Sept. 19.
 1795. Manheim, when the Austrians were defeated, Sept. 23.
 1795. Piedmont, when the French were defeated, Oct. 1.
 1795. On the Mayne, when the French were totally defeated, Oct. 11.
 1795. Mentz, when the French were defeated, Oct. 29.
 1795. Worms, ditto, Nov. 8.
 1795. Moselle, ditto, Nov. 22.
 1795. Deux Ponts, ditto, Nov. 28.
 1795. Alsentz, ditto, Dec. 8.
 1796. Piedmont, Sardinians were totally defeated by the French, April 14.
 1796. Lodi, French and Austrians, May 11.

1796. BATTLE fought at Mantua, ditto, May 29.

1796. French defeated near Wetzlar, June 4.

1796. Ditto, under Jourdan, by General Kray, near Kirpen, June 20.

1796. Austrians defeated by Jourdan, July 6.

1796. The Archduke repulsed by the French, July 8.

1796. Mantua's siege raised, when the French left behind them 140 cannon, 100,000 shells, balls, &c. July 31.

1796. The Austrians were defeated by General Jourdan, Aug. 11.

1796. Jourdan was defeated by the Archduke near Auremburg, Aug. 18.

1796. The French were defeated by the Austrians near Neuwied and Amberg, Aug. 24.

1796. Jourdan was defeated near Munich, Sept. 11.

1796. Again near Limberg, and on the following day at Ishy, on the Leck. Sept. 18.

1797. Between the Austrians and Buonaparte, when the Austrians were defeated, Jan. 19 and 27.

1797. Buonaparte defeated the Archduke, April 1.

1797. The Austrians were again defeated on the Upper Rhine, when the French took Frankfort Kehl, &c. May 7.

1798. The Swiss Troops were totally defeated by the French, and their independency abolished, Sept. 19.

1798. Between the Irish Rebels and King's forces, at Kilcullen, May 22.

1798. Ditto at Naas, May 23; the same day at Stratford upon Slaney; at Backestown, May 25; at Dunleven May 25; at Taragh, May 26; at Carlow, May 27; at Monastereven the same day; at Kildare, May 28; at Ballacane and at Newtonberry, June 1; at New Ross, June 5; at Antrim the same day; at Acklow, June 9; at Ballynahnich, June 13; at Ovidstown, June 19; at Ballynarush, June 20; at all which places the insurgents were defeated.

1798. In Connaught, where the French aided the Irish Rebels, and were all taken prisoners, September 7.

1799. Near Naples, between the French and Neapolitans, January 18.

1799. Near Stockach, where the Archduke Charles totally defeated the French, and took 2,000 prisoners, March 14 and 26.

1799. Near Verona, where the French

were defeated, with great loss, March 5, 25, and 26; and again 30, and April 5.

1799. Near Cremona, in Italy, the Austrians defeated the French, April 9, and 30.

1799. Near Milan, the Russians defeated the French; 11,000 killed and taken prisoners, April 27.

1799. Near Cassano, the French were defeated, April 27.

1799. At Acre, where Buonaparte was repulsed by the Turks and Sir S. Smith, April 16.

1799. Near the Adda, where the French were defeated, March 26, 31, and May 5.

1799. Near Alessandria, where Suwarrow's army defeated the French under Moreau, May 17.

1799. Zurich, where the French were defeated, and lost 4,000 men, June 4.

1799. Suwarrow defeated the French under Macdonald, when the French lost 18,268 men, 7 cannon, and 8 standards, June 19.

1799. Near Penapatam, in the East Indies, where Tippoo Saib was defeated by the English forces, with considerable slaughter, and slain, May 4.

1799. Near Croire, where the Austrians were defeated by General Massena, when Captain d'Ausauberg and 730 men were taken prisoners, May 7.

1799. The Archduke defeated Jourdan, April 2.

1799. General Kray defeated General Scherer, commanding the French in Italy, April 18.

1799. Near Parma, where Suwarrow defeated Macdonald, with the loss of 10,000 men and 4 generals, July 12.

1799. Suwarrow defeated General Moreau, July 13.

1799. At Novi, where Joubert was totally defeated by Suwarrow, and was himself killed, with 10,000 men; 400 prisoners, and all the artillery taken, Aug. 15.

1799. Near Tranto, when the French were defeated, June 19.

1799. Near Manheim, when the French were defeated, August 12.

1799. Near Zurich, when the Imperialists were defeated, September 24.

1799. Near Mondvi, when the French were defeated, November 6.

1799. Near Philipsburgh, when the French lost 4,000 men, December 3.

1800. Novi, Austrians and French, January 8.

1800. Savona, in Italy, Austrians and French, April 8.

1800. BATTLE fought at Veragio, French defeated, April 10.

1800. Stockach, Austrians defeated, May 1.

1800. Moskirch, Austrians defeated, May 3.

1800. Riss, Austrians lost 500 men, May 9.

1800. Broni, by which the French became possessed of Italy, from Milan to Placentia, June 10.

1800. Marengo, 6,000 Austrians killed, 8,000 prisoners, and 45 pieces of cannon taken, June 14.

1800. Hohenlinden, Austrians defeated, November 3.

1800. On the Mincio, Austrians defeated, December 25.

1801. Rhamonia, in Egypt, French defeated by the English, March 21.

1803. East Indies, between Scindiah and the English; former defeated, August 11.

1804. Ferruckabad, East Indies, English victorious, November 17.

1805. Bhurtpore, East Indies, Jeswunt Rao Holkar defeated by the English, April 2.

1805. Guntzburg, French and Austrians; French victorious, October 2.

1805. Ulm, French and Austrians, latter taken prisoners, Oct. 19.

1805. Moelk, French and Austrians, latter beaten, November 10.

1805. Austerlitz, French against Austrians and Russians; French victorious, December 2.

1806. Maida, French and English; the former defeated, July 6.

1806. Castel Nuova, French and Russians; latter defeated, September 29.

1806. Anerstadt, French and Prussians; latter beaten, October 3.

1807. Eylau, French and Prussians; latter defeated, February 7.

1807. Friedland, in which the Russians were defeated with dreadful slaughter, June 14.

1808. Baylen, the French, under Dupont, defeated by the Spaniards, July 20. *under Castanos who*

1808. Vimiera, in which the whole of the French force under General Junot was defeated by Sir Arthur Wellesley, August 21.

1808. Tudela, Spaniards beaten by the French, November 23.

1809. Corunna, French and English; the former defeated, January 16.

1809. Braga, Portuguese defeated by the French, March 19.

1809. BATTLE fought at Medellin, Spaniards defeated by the French, March 28.

1809. Plaffenhoffen, Austrians defeated by the French, April 19.

1809. Abensburg, Austrians defeated by the French, April 20.

1809. Landshut, Austrians defeated by the French, April 21.

1809. Eckmull, Austrians defeated by the French, April 22

1809. Ebersberg, Austrians defeated by the French, May 3.

1809. Oporto, French defeated by Sir Arthur Wellesley, May 11.

1809. Aspern and Essling, French and Austrians; dreadful slaughter.

1809. Raab, Austrians defeated by the French, June 14.

1809. Wagram, Austrians defeated by the French, July 5.

1809. Talavera de la Reyna, French defeated by the English and Spaniards, July 27.

1809. Ocana, Spaniards defeated by the French, November 19.

1809. Buzaco, French repulsed with great slaughter by the allied army under Lord Wellington, September 27.

1811. Pla, near Tarragona; Italian division of the French army repulsed by the Spanish General, Saarsfield, Jan. 15.

1811. Lafesat, Turks defeated by the Russians, Feb. 11.

1811. Barossa, the French, under General Victor, defeated by General Graham, March 5.

1811. Parma, French surprised by General Remon's detachment, and dispersed, March 10.

1811. Albuera, French repulsed, with the loss of 9,000 men, by Marshal Beresford, May 16.

1811. Buenos Ayres and Monte Video, between the troops of, in which those of the latter were defeated, May 18.

1811. Radshuck, Turks defeated by the Russians, June 4; and again, Oct. 14.

1811. Ximena, a division of Soult's army defeated by General Balasteros, September 18.

1811. Ciudad Rodrigo, between the French and the allied armies under Lord Wellington, ending in the orderly retreat of the latter, September 25.

1811. Puch, near Saguntum, General Blake defeated by the French under General Suchet, October 25.

1811. Cavares and Merida; the French, under General Girard, surprised and routed by General Hill, October 28.

1809

1812. BATTLE fought at Plains of Bor-nos, Spaniards defeated by the French, June 1.

1812. Castalla, army under General O'Donnel defeated the French, 21.

1812. Salamanca, French defeated, with great slaughter, by Lord Wellington, July 22.

1812. Mohilow, Russians, under Prince Bagrathion, defeated by the French, under General Davoust, July 23.

1812. Ostroono, Russians defeated by the French, July 25 and 28.

1812. Polotsk, French, under Marshal Oudinot, defeated by the Russians, under Count Witgenstein, July 30 and 31. The same armies contended the next day, when the Russians were defeated.

1812. Dressa, Russians were defeated by the French, August.

1812. Smolensko, Russians defeated by the French, and abandoned the town, Aug. 16.

1812. Banks of the Duna, near Po-lotsk, several severe actions between the Russians and French, in which success was nearly balanced, Aug. 16 and 17.

1812. Heights of Valentina, between the French and Russians, which terminated in the retreat of the latter, Aug. 19.

1812. Moskwa (or Borodino), between the French and Russians, dreadful carnage on both sides, each claiming the victory, Sept. 7.

1812. Queen's Town, Canada, army of the United States defeated by the British, Oct. 13.

1812. Polotsk, French defeated by the Russians, and the place taken by storm, Oct. 20.

1812. Molo-Yaroslavetz, Russians and French, victory claimed by each, Oct. 24.

1812. Visma, French under Ney and Davoust, defeated by the Russians, November, 3.

1812. Dorogobudsch, French driven from, by the Russians under Platoff, with great slaughter, Nov. 7.

1812. Witepsk, French under General Victor, defeated by the Russians under Witgenstein, with the loss of 3000 men, Nov. 14.

1812. Krasnoi, French army under Davoust, completely destroyed or dispersed by Kutusoff, Nov. 16.

1812. Ney's corps, 12,000 of which laid down their arms, defeated by the

Russian general Millaradovitch, November 14.

1812. Borisow, Russians under Count Lambert, defeated Dornbrowskie's Polish division, Nov. 21.

1812. Berezina, terminated in the capture, by General Witgenstein, of a French division of 8,800 men, Nov. 28.

1812. Wilna, French column destroyed near that town by Platoff, and a general and 1000 prisoners taken, December 11.

1812. Kowna, French defeated by the Russians, with the loss of 6000 prisoners, and 21 pieces of canon, December 14.

1813. Kalitch, Saxons under the French general Regnier, defeated by the Russian general Winzingerode, with the loss of many officers and 2000 privates.

1813. French-town, Canada, American General Winchester defeated, and made prisoner, by Colonel Proctor, January 22.

1813. Bejar, in Spain, French defeated by General Hill, and the allied Spaniards, Feb. 20.

1813. Lunenburg, French defeated by the united army of Russians and Prussians, with the loss of General Moraud, 100 officers, 2,200 privates, and 9 pieces of canon, April 2.

1813. Castella, French under Suchet defeated by General Murray, and the allied Spaniards, April 1813.

1813. Lutzen, between the allied armies of Russians and Prussians, great slaughter on both sides, and victory claimed by each, May 2.

1813. Mockern, Beauharnois defeated with great loss by the Russians and Prussians, April 5.

1813. Alberstadt, French division defeated by the Russian general Czernicheff, May 7.

1813. Konigswerden, French defeated by the allied army of Russians and Prussians under Generals Barclay de Tolly, and D'Yorck, May 19.

1813.—second battle, which ended in the falling back of the allies, May 20.

1813. Wurtzschen, between the allied army of Russians and Prussians and the French army under Napoleon; dreadful carnage on both sides; the Allies retreated, May 21.

1813. Miami, Americans defeated by Colonel Proctor

1813. Fort George, on the Niagara.

British defeated by the Americans, May 27th.

1813. Burlington Heights, Americans defeated by the British, June 6.

1813. Vittoria, French under Joseph Buonaparte, defeated by Lord Wellington and the allied Spaniards, June 21.

1813. Valley of Bastan, General Hill and the allied Spaniards attacked by Soult, and obliged to retreat, July 24.

1813. Pyrenees, Soult defeated, with immense slaughter, by Lord Wellington and the combined Spaniards, July 28.

1813. San Marcial, Soult defeated by the Spaniards, July 31.

1813. Defeated again, Aug. 4, and driven from the Pyrenees.

1813. Bober, (Banks of), Prussians under Blucher, defeated by the French under Napoleon, May 21.

1813. Jour, French under Macdonald, defeated, with immense loss, by Blucher, August 26 and 27.

1813. Before Dresden, allied army of Austrians, Russians, and Prussians, defeated by the French, Aug. 28.

1813. Toplitz, French defeated by the allied Austrians, Russians, and Prussians, August 30.

1813. Dennewitz, French defeated by the Crown Prince of Sweden, with great loss, Sept. 8.

1813. Ordal, (Pass of) Colonel Adams, and the combined Spaniards and Portuguese defeated by Soult, September 12.

1813. Domitz, French under Davoust, defeated by Count Walmaden, Sept. 16.

1813. Elster, French under Bertrand, defeated by Blucher, Oct. 3.

1813. Moravian village, on the Thames, Canada, the British defeated by the Americans, Oct. 5.

1813. Mockern, between the French and the allied army of Austrians, Russians, and Prussians, a desperate conflict, the place having been taken and retaken five times, which ended in the defeat of the French, Oct. 14.

1813. Before Leipsic, a general engagement between the same armies, in which no ground was gained by either, October 16.

1813. Before Leipsic, another general engagement, of which the result was a loss to the French of 40,000 men, in killed, wounded, and prisoners, 65 pieces of artillery, and the desertion of 17 German battalions, Oct. 18.

1813. BATTLE fought at Hanau, French defeated by the combined Austrian and Bavarian army, under General Wrede, Oct. 29.

1813. Hanau, another severe engagement between the same armies, in which Wrede was taken prisoner, and the Allies driven from the place, October 30.

1813. St. Jean de Luz, between the allied armies under Lord Wellington, and the French under Soult, when the latter were driven farther from France, Nov. 19.

1813. Passage of the Neve, several engagements between the allied army under Lord Wellington and the French, during which two German regiments came over to the Allies, and the French were driven to their entrenchments, Dec. 10 and 13.

1813. Christler's Point, Upper Canada, Americans defeated by the British under Colonel Pearson, Nov. 11.

1813. Black Rock, American General Hull defeated by the British general Riall, Dec. 30.

1813. Province of Valladolid, three battles, in which the forces of Morelos and other insurgent chiefs were defeated by the Royalists, with the loss of 1,500 men, and 30 pieces of canon, Dec.

1814. Bozzolo, on the Mincio, Austrians defeated by the French under Beauharnois, Jan. 7 and 8.

1814. Marne, advanced guard of Schwartzenberg defeated by the French, Jan. 27.

1814. Brienne, allied army of Russians and Prussians defeated, and the place taken by the French, Jan. 29.

1814. Rothiere, French under Napoleon defeated by the allied Russians and Prussians, with the loss of 3000 prisoners, and 36 pieces of cannon, Feb. 1.

1814. Champ-aubert, Russian division under General Alsafief, defeated by the French under Napoleon, Feb. 10.

1814. Champ-aubert, division of Blucher's army, under General Sacken and D'Yorck, attacked by the French under Napoleon, in whose favour it terminated, Feb. 12.

1814. Janvilliers, Blucher's army attacked by the French, and driven back to Chalons, Feb. 14.

1814. Garris, French defeated by the allied Spaniards under General Morello and General Stewart. Feb. 15.

1814. Nangris, advanced guard of

Witgenstein's corps under Count Pahlen, defeated by the French under Napoleon, Feb. 14.

1814. Bridges of the Seine at Montereau and Bray, the prince of Wirtemberg defeated by Napoleon, Feb. 18.

1814. Orthes, French [defeated by the allied Spaniards under General Hill, Feb. 25.

1814. Reggio, French defeated by the king of Naples, March 5.

1814. Laon, French defeated by Prince William of Prussia, March, 12.

1814. Passage of the Taro, French defeated by the king of Naples, March 12.

1814. Rheims, allied Russians and Prussians defeated by the French, March 13.

1814. Tarbes, Soult defeated by Lord Wellington, March 20.

1814. Arcis-sur-Aube, French defeated by the prince of Wurtemberg, March 21.

1814. Fere Champenoise, the corps of Generals Marmont, Mortier, and Arrighi, surprised and defeated by General Schwartzberg, and a convoy taken, March 25.

1814. Heights of Fontenoy, Romanville, and Belville, French army out of Paris under Joseph Buonaparte, Marmont, and Mortier, defeated by the allied Austrians, Russians, and Prussians, March 30.

1814. Toulouse, French defeated by Lord Wellington, April 10.

1814. Arazua (valley of), between the insurgents of the Carracas and the Royalists, in which the latter obtained a complete victory, June 18.

1814. Chipawa, British under General Riall, defeated by the Americans under General Brown, July 5.

1814. Chipawa, Americans defeated by the British under Generals Drummond and Riall, but the latter general wounded and taken prisoner, July 25.

1815. Ferrara, Neapolitans under Murat defeated by the Austrians, April 12.

1815. Tolentino, between the Austrians under General Bianchi and the Neapolitans under Murat, ending, after two engagements, in the retreat of Murat, May 2 and 3.

1815. Ligny, Prussians under Prince Blucher, after a desperate conflict, defeated by the French, with the loss of fifteen pieces of cannon, June 16.

1815. Waterloo, in which the whole

French army, was defeated with immense slaughter, June 18. See WATERLOO.

1828. Akhalzik, in which the Turks were defeated by the Russians, Aug. 24.

1830. Brussels, the Dutch repulsed from, Sept. 21.

1831. Grocho, near Praga, a suburb of Warsaw, Feb. 20.

1831. Waaz, March 31.

1831. Siedlez, April 10.

1831. Ostrolenka, May 26, in all which the Poles defeated the Russians.

1832. On the plains of Koneah, in which the sultan was defeated by the pacha of Egypt, Dec. 31.

1833. Dec. 6. Between the Mexican generals, Santa Anna and Bustamente, to the disadvantage of the latter. On the 10th an armistice was concluded between them.

1839. East Indies. The citadel of Ghizzy taken by the British, and the king of Cabool restored. See CABOOL.

BATTLE ABBEY, Sussex, built 1067.

BATTLE BRIDGE, Southwark, a fire at, when 80 houses, besides a brewery, dye-house, and four wharfs, were destroyed, 2000 quarters of malt and 800 butts of beer lost, and damage done to the amount of £50,000., Aug. 12, 1749.

BATTONI, POMPEO, a great Florentine painter of history, born Feb. 5, 1708, died Feb. 4, 1787.

BAUHIN, JASPER, the botanist, born 1560, died 1624.

BAUTRU, WILLIAM, French writer, born 1588, died 1665.

BAVARIA, supposed to have derived its name from the Boii, or Baoiarians, a confederacy of German tribes, who spread themselves over this district in the fifth century, and made Ratisbon their capital. Noricum was then its name, and it appears that the Ostogroths never occupied it. After this for several centuries the throne of Bavaria, and its territorial boundaries, were alike subject to vicissitudes, and two rival lines contended for the one, while the imperial mandate enlarged or contracted the other. After the battle of Blenheim 1704, the emperor treated Bavaria as a conquered country, the elector was placed under the imperial ban, and not reinstated in his government, until the peace of Baden, in 1714. Charles Albert succeeded to the electorate in 1726, and was at length elected emperor

of Germany, under the title of Charles VII., in the year 1742, but upon the death of his successor, the electorate reverted to its former rank.

In the French revolutionary wars, the elector furnished his contingent to the army of the empire, and in 1796, the palatinate itself became the theatre of war. In 1799, the Sulzbach branch of the line of the palatinate became extinct, and the Duke of Deux-Ponts succeeded to the Bavarian possessions. In the year 1805 the elector, Maximilian Joseph, compelled to make his selection of adhering to the imperial union, or attaching himself to the party of France, adopted the latter course, and brought an accession of 30,000 troops to the French army. For this he received, at the peace of Presburg, an addition to his dominions of 10,595 square miles, containing 1,000,000 of inhabitants, and had the dignity of king conferred upon him. Bavaria joined the allies in 1813, when it was stipulated, that for whatever of her territories Bavaria might be required to restore to Austria, she should receive compensation at the expense of her neighbours. In 1818, the king promulgated the new constitution, and adopted the system of the two chambers. The upper chamber consists of princes, crown officers, &c. The lower chamber consists of fourteen representatives of the lower nobility. The first meeting of the representatives was held on Feb. 4, 1819.

1832. There was considerable political agitation in a public meeting convoked at Hambach, Rhenish Bavaria, in consequence of the suppression of some journals by the government, at which 20,000 persons were present. In May 18, 1833, at the anniversary of the festival, which had been celebrated at Hambach in the preceding year, considerable disturbances took place. To disperse the mob, whose appearance threatened more serious consequences, the troops were compelled to use their arms, when one of the rioters was killed and several wounded. Dr. Liebenpfeiffer, one of the distinguished republican orators of the Hambach festival in 1832, along with some of his comrades, were brought to trial at Landau. The inquiry lasted several days; he was sentenced to two years' imprisonment, and to pay the expenses of the trial, but he escaped to France.

BAXTER, RICHARD, an eminent nonconformist divine, born at Rowton, in Shropshire, November 12, 1615. At the opening of the long parliament, he was chosen vicar of Kidderminster. Upon the conventicle act he was committed to prison; but procuring a habeas corpus, he was discharged.

1682. He was seized for coming within five miles of a corporation. In 1684, he was taken again; and in the reign of King James II. was committed prisoner to the King's Bench, and tried before the Lord Chief Justice Jefferies.

He continued in prison two years, from whence he was at last discharged, and had his fine remitted by the king. He died December 8, 1691, and was buried in Christ-Church.

BAXTERIANS, a sect who took their name from the above Richard Baxter, began 1648.

BAYARD, LE CHEV, a French warrior, born 1476, died 1524.

BAYER, the astronomer, flourished early in the seventeenth century.

BAYLE, PETER, author of the Historical and Critical Dictionary, born Nov. 18, 1657. In 1681, was chosen professor of philosophy and history at Rotterdam. The first volume of his dictionary was published in Aug. 1695, and the second in October following. He died Dec. 28, 1706.

BAYONETS, invented at Bayonne, 1670; first used in England Sept. 24, 1693.

BEADS, first used by papists in their devotions, 1093.

BEAR, order of knighthood, began in Switzerland, 1243.

BEARDS, worn by the Greeks till A.C. 349; by the Romans till A.C. 299; fashionable in England after the conquest till the thirteenth century; discontinued at the Restoration.

BEATON, primate of Scotland, and cardinal of Rome, in the reign of Henry VIII., was born in 1494. He was appointed resident at the court of France in 1519, returned to Scotland in 1525, and took his seat in parliament as abbot. Having ingratiated himself with the young king, James V., whom he had served in France during his minority, he was promoted in 1528 to the high office of lord privy-seal. In 1533 he was eminently instrumental in maintaining the attachment of James to the French interest. In 1537, he was de-

puted to negotiate a second marriage for the king with Mary, daughter of the duke of Guise, whom he conducted to Scotland in 1538. The same year was advanced by pope Paul III. to the dignity of cardinal. At his instigation, James undertook the invasion of England, and at Solway Moss the royal army was totally defeated in 1542; but this unexpected disaster proved fatal to the king, and he died soon after.

The commission of legate "á latere," which he soon afterwards obtained from the court of Rome, empowered him to proceed in his favourite design of extirpating heretics. He caused several persons to be condemned and executed, and among the rest, Mr. George Wishart, the most famous Protestant preacher in Scotland, who, it is said, predicted his death, and who was burnt at St. Andrews, in 1646; the cardinal himself being seated at a window as a spectator of the tragedy. In less than three months after the death of Wishart, a conspiracy was formed against the cardinal's life, by some persons whom he had disobliged; and they, accompanied by a small number of attendants, surprised the castle of St. Andrew's, in which he lodged, rushed into his chamber, and dispatched him with their swords, in May, 1646.

BEATTIE, JAMES, author of the "Minstrel," was born about 1735. In 1760, he published a volume of "Original Poems and Translations," which in 1765 was followed by "The Judgment of Paris." In 1770 he published "An Essay on the Nature and Immutability of Truth, in Opposition to Sophistry and Scepticism." In 1771, his fame as a poet was extended throughout the kingdom by the publication of the first part of "The Minstrel." In 1772, the degree of L.L.D. was conferred upon him by his college at Aberdeen. In 1783 he published "Dissertations, Moral and Critical," and in 1786, "Evidences of the Christian Religion, briefly and plainly stated." He lost two sons, one in 1790, aged twenty-two, another in 1796, in his eighteenth year; so that the latter years of his life were a blank of existence, which terminated at Aberdeen, Aug. 18, 1803.

BEAUCHIEF ABBEY, Derbyshire, built 1183.

BEAUFORT, CARDINAL, was the natural son, legitimated by parliament,

of John of Gaunt. In 1397 he became bishop of Lincoln; in 1399 chancellor of the university of Oxford, and dean of Wells; in 1404 lord-high chancellor of England, and in 1405 bishop of Winchester.

During the reigns of his brother Henry IV., and of his nephew Henry V., he lived in great splendour, and acquired immense wealth. In 1425, the dissensions that subsisted between him and the protector Humphry, duke of Gloucester, rose to such a height, that Beaufort thought it necessary to appeal to his nephew the duke of Bedford, then regent of France. In 1428 the duke of Bedford returned to France, and was accompanied by Beaufort to Calais, where the latter was invested with the dignity of cardinal, with the title of St. Eusebius conferred upon him by pope Martin V.

In 1430 cardinal Beaufort accompanied king Henry into France, and performed the ceremony of crowning the young monarch in the church of Notre Dame, at Paris. He died in 1447, about a month after the duke of Gloucester, in whose murder, it is supposed, he was concerned. Mr. Hume describes him as a prelate of great capacity and experience, but of an intriguing and dangerous character.

BEAULIEU ABBEY, Hampshire, built 1204.

BEAUMARIS CASTLE, Anglesey, built 1295.

BEAUMONT, FRANCIS, the poet, born 1555, died 1615.

BECCARIA, AUG. first Italian pastoral poet, died 1550.

BECCARIA, MARQUIS, born 1735, died 1795.

BECCLES, in Suffolk, injured by fire, damage estimated at £20,000, 80 houses being destroyed, November 29, 1586.

BECKET, THOMAS A, a celebrated English prelate in the reign of Henry II. was born in 1119, made chancellor 1157, archbishop of Canterbury, 1162. He was impeached in 1164, and retired to France that year, but was reconciled to Henry, June 2, 1170. He was assassinated in the cathedral church at Canterbury, Dec. 29, 1170, canonized by Alexander III., Ash Wednesday, 1172, his bones enshrined in gold set with jewels, 1220, dismantled and stripped of its treasures by Henry VIII. 1541.

Dr. Henry, says of Becket : " he was evidently a man of very great abilities, particularly of consummate cunning, undaunted courage, and invincible constancy in the prosecution of his designs. But his schemes were of a most pernicious tendency, to emancipate the ministers of religion from the restraints of law, and to subject his king and country to a foreign power. He was vain, obstinate, and implacable, as little affected by the entreaties of his friends, as by the threats of his enemies. His ingratitude to his royal master admits of no excuse, and has fixed an indelible stain upon his character. Though his murderers were highly criminal, his death was very seasonable, and probably prevented much mischief and confusion."

BECKFORD, WILLIAM, the patriotic mayor of London, who had the firmness and courage to speak the plain honest truth, in his memorable speech to George III., in vindication of the people's right to remonstrate to the throne, died 1770.

BECKFORD'S, ALDERMAN, monument set up in Guildhall, 1770.

BEDA, commonly called Venerable Bede, one of our most ancient historians, born 672, in the neighbourhood of Weremouth, in the bishopric of Durham; published his Ecclesiastical History, 731. He died 735, of a lingering consumption, probably occasioned by a sedentary life. His learning, for the times, was extensive, his application incredible, his piety exemplary, and his modesty excessive. His writings are deservedly considered as the foundation of our ecclesiastical history. All his works are in Latin.

BEDELL. Bishop of Kilmore, born 1570, died 1641.

BEDFORD, DUKE OF, made Regent of France, 1422, died 1435.

BEDFORD, late **DUKE OF**, died Oct. 20, 1830, in his seventy-fourth year.

BEDFORD, sixty houses at, destroyed by fire, May 25, 1812.

BEDLOE, CAPT. WILLIAM, infamous for perjury, died 1680.

BEER. See **ALE**. By the statute of James I. one full quart of the best beer or ale was to be sold for one penny, and two quarts of small beer for one

penny. The duties on beer from the years 1783, to 1786, produced 7,308,655*l*. On malt for the same years, yielded 6,156,020*l*. In 1788 the duties on beer were 1,666,152*l*. From Jan. 5, 1816, to Jan. 5, 1817, 9,881,772*l*.

1830. The duties on ale and beer were repealed by 1 Will. iv. cap. 51. In the same year another act received the sanction of the legislature. This was the Act 1 Will. iv. cap. 64, entitled, " An Act to permit the general sale of beer and cider by retail in England." Under its provisions, which came into operation Oct. 10, 1830, any person could obtain a license to sell ale, beer, and porter by retail. Previously, the justices of the peace were alone empowered to grant licenses for the sale of malt liquor. By this act another class of dealers in beer was created, independent of the magistracy, and deriving their privilege from an excise license costing two guineas, and renewable annually.

1834. An act was passed (4 and 5 Will. iv. cap. 85) introducing some new regulations. Each beer-seller was in future to obtain his license only on condition of placing in the hands of the Excise a certificate of good character from six of the rated inhabitants of his parish. In Essex, Suffolk, Uxbridge, York, Lincoln, and several other agricultural districts, there was in 1837 an increased consumption of malt, though on the total consumption of England there was a diminution to the extent of 1,661,043 bushels.

Since 1838, the increase of beer-shops in England has been 31-32 per cent., and in Kent and Sussex, 30-90 per cent. From these two counties there are gratifying statements of the growth of provident habits, and there is nothing in this statement which is inconsistent with the increase of properly-regulated places for the sale of beer by retail dealers. Crime has also diminished. The proportion of offenders was 9 per cent. less in 1837 than in any previous year since 1830; and yet the beer-shops have increased from 1,508 in 1834 to 1,974 in 1837; the number of licensed victuallers and licensed retailers together having been 3,907 in 1834; 4,205 in 1835; 4,447 in 1836; and 4,496 in 1837.

The quantity of the different sorts of beer made in England and Wales in each year from 1787 to 1825, is as follows:—

Years ending 5th July:	Strong Beer Barrels.	Table Beer Barrels.	Small Beer Barrels.
1787	4,426,482	435,620	1,342,301
1788	4,304,895	524,176	1,334,947
1789	4,437,831	514,900	1,244,046
1790	4,525,950	546,260	1,282,157
1791	4,754,588	579,742	1,347,086
1792	5,082,293	625,260	1,401,870
1793	5,167,850	620,277	1,414,255
1794	5,011,320	586,554	1,464,939
1795	5,037,804	576,464	1,453,036
1796	5,504,453	565,630	1,479,130
1797	5,839,627	584,422	1,518,512
1798	5,784,467	622,064	1,547,570
1799	5,774,311	611,151	1,597,139
1800	4,824,306	574,995	1,360,502
1801	4,734,574	500,025	1,191,930
1802	5,345,844	392,022	976,787
1803	5,582,516	1,660,828	
1804	5,262,623	1,779,570	
1805	5,412,131	1,776,807	
1806	5,443,502	1,771,754	
1807	5,777,176	1,732,710	
1808	5,571,360	1,710,243	
1809	5,513,111	1,682,899	
1810	5,735,319	1,635,588	
1811	5,902,903	1,649,564	
1812	5,860,869	1,593,395	
1813	5,382,946	1,455,759	
1814	5,624,015	1,432,729	
1815	6,150,544	1,518,302	
1816	5,982,379	1,514,867	
1817	5,236,048	1,453,960	
1818	5,364,009	1,434,642	
1819	5,629,240	1,460,244	
1820	5,296,701	1,444,290	
1821	5,575,830	1,439,970	
1822	5,712,937	1,492,281	
1823	6,177,271	1,419,589	
1824	6,188,271	1,401,021	
1825	6,500,664	1,485,750	

It appears from the foregoing table that the quantity of strong beer manufactured by the public brewers had increased about a third since 1787; but the quantity of malt consumed in 1787, was quite as great as in 1828; a fact, which shows conclusively, either that the quality of the beer brewed in the public breweries has been deteriorated since 1787, or that less, comparatively, is now

brewed in private families, or, which is most probable, that both effects have been produced.

BEES, Huber's discoveries and experiments 1793; new observations, 1821.

BEES, St. college, for the education of candidates for holy orders in the four northern dioceses, 1817.

BEES PRIORY, Cumberland, founded, 1120.

BEESTON CASTLE, Cheshire, built by Randal Bundeville, 1220.

BEETHOVEN, **LUDWIG VON**, the celebrated German composer, born 1770, at Baun, Germany, where his father was the tenor singer in the elector's chapel. In 1792 he was sent to Vienna, as court organist, under the celebrated Haydn. In 1809, the archduke Rodolph and the princess Lobkowitz and Kinsky settled upon him an annuity of 4,000 florins, £400 a year. Nevertheless, the latter period of his life was passed almost in a state of destitution. Some benevolent friends in England raised a subscription for him early in the year 1827; he died at Vienna March 31 of the same year, aged fifty-seven.

BEGGARS, relieved by act of parliament, 1496.

BEGGING FRIARS established in France, 1587.

BEGUINES, an order of religious, began, 1208.

BEHEADING OF NOBLEMEN first introduced into England, 1074.

BEHMEN, **JACOB**, called the Teutonic Philosopher, a remarkable visionary, born in a village of Germany near Gorlitz, in 1575. He died 1624.

BEHRINGS STRAITS, explored and designated by a Danish Navigator in the service of Russia, whose name it bears. Behring thus established the fact that the continent of Asia and America are not united, but are distant from each other about thirty-nine miles.

BELFAST, long bridge at, built 1782. Bank built 1787; riot at, July 1835.

BELGIUM, originally part of the territory of the Belgæ, conquered by the Romans, A.C. 47. It consists of ten provinces, a part of those anciently called the Netherlands, divided between the Dutch, the Austrians, and the French. See **NETHERLANDS**.

After the French Revolution, Belgium was incorporated with France, and divided into nine departments; but on the abdication of Buonaparte, and the restoration of legitimate authority in France and Holland, 1813, it was transferred to the house of Orange by a revolution commenced at Brussels Aug. 25. Separated, by another revolution, from Holland Oct. 1830. The Belgians elected Leopold king June 4, 1831. July 21, Leopold I. made his entrance into Brussels, after a most triumphant progress through his dominions, from Ostend, where he landed

from England. On the 22d, his inauguration took place, and, in the presence of the congress, he took the oaths to preserve and defend the Belgic constitution.

Aug. 3. The king of the Netherlands having endeavoured to subdue the Belgians, resumed war against them, and obtained several advantages over the Belgic troops. King Leopold applied for protection to the Five Powers under whose auspices the settlement of the differences between the two states was proceeding. France immediately despatched 50,000 men to his assistance; upon which, on the 13th, the king of the Netherlands agreed to withdraw his troops, and consented to an armistice.

Oct. 20. In the Belgian Chamber of Representatives, the Secretary for Foreign Affairs submitted the protocol agreed upon by the plenipotentiaries of the Five Powers respecting the terms of the division of Belgium and Holland, which is declared to be final, and to be enforced by the whole of the subscribing powers.

Nov. 3. The Belgian Congress, after several days debate, adopted the articles of separation from Holland proposed to them by the conference, by a majority of 35 to 8; but they were not acceded to by the House of Holland.

Nov. 13, 1832. The Belgian Chambers opened by the king in person. His Majesty announced the recognition of Belgium as an independent state, by the leading powers of Europe; and likewise his recent marriage with one of the daughters of the king of France. He also alluded to the situation of their affairs with regard to Holland, of which, however, he declared his confidence of obtaining a satisfactory settlement.

Same day, the French army, commanded by Marshal Gerard, entered Belgium, and, marching directly forward, encamped before the citadel of Antwerp. The marshal having formally summoned General Chassé, the governor, to surrender, hostilities commenced on the 30th, by the Dutch garrison firing on the besiegers.

Dec. 24. The citadel of Antwerp having been battered and bombarded by the French, till it was no longer tenable, General Chassé surrendered it to the French commander. Baron Chassé and

the garrison were held as prisoners of war till the surrender of Lello and Leifkenshock, two other Belgian fortresses on the Scheldt, in the possession of the Dutch. The king of Holland having refused to allow of the surrender of these forts, the garrison were marched into France, and the French army proceeded immediately to evacuate Belgium.

1832. A new treaty called the 24 Articles, was proposed by the Five Powers, by which, as the basis of separation, a certain portion of the Duchy of Luxemburgh was definitively assigned to the king of Holland as Grand Duke, (no right of redemption being any longer reserved to Belgium) together with the entire sovereignty of Maestricht, and a considerable part of Limburgh. It was, moreover, determined, that Belgium should contribute 8,400,000 florins annually, as her share of the joint debt of the two countries. The king of Holland obstinately refused his concurrence, and for several ensuing years, the matter remained unadjusted.

At length, in March 1838, the king of Holland, through his ambassador, intimated to the Conference at London his entire assent, upon his part, to the conditions of separation which the courts of Austria, France, Great Britain, Prussia, and Russia, had declared to be unalterable and irrevocable. His Majesty, therefore, declared his readiness to accept the 24 articles.

1839. Treaty signed, April 19, ratification exchanged June 8.

BELGRADE, one of the most important cities in the north of the Turkish empire. Being situated on the frontier of Hungary, it has borne a conspicuous part in almost every contest between the two great powers of Austria and Turkey. It has been occupied successively by the Visigoths, Huns, Goths, Greeks, and Austrians. In 1442 and 1456, it was besieged by the Turks, and in 1521 taken by Solyman II. In 1668 it was seized by the Imperialists, but wrested from them by the Turks in 1690. Prince Eugene made himself master of Belgrade in 1717, when the Turks lost 20,000 men. At the peace of Passarowitz, it was allowed to remain in the hands of the Austrians, who, however, were unable to hold it longer than after the year 1739. By the conditions of

the peace of Belgrade, made in the same year, the Porte was permitted to retain the possession, provided the fortifications erected during Austrian occupancy were immediately demolished, which was accordingly done, after the constant exertion of nine months on the part of as many persons as could be conveniently occupied at the task. On March 19, 1765, more than half the city was destroyed by fire. In 1789, it was taken by General Laudon, but restored to the Porte at the peace of Szistowe, in 1791. In 1806, it was seized by the revolutionary Servians, but upon their suppression, it was re-occupied by the Turks.

BELISARIUS, a celebrated Roman general who flourished under the Emperor Justinian, in the sixth century. In 533 the supreme command of the fleet and army destined for the African war was delegated to Belisarius, who invaded Sicily, 535, which he succeeded in restoring to the subjection of the Romans. He then proceeded to Rome, which surrendered without opposition, Dec. 10, 536. In 563 he was falsely accused of a conspiracy against the emperor, He died of resentment and grief, 564.

BELL, REV. DR. ANDREW, author of the Madras system of education, born in 1753, died 1832. Shortly previous to his death, he had transferred very large sums to different bodies for the promotion of the improvement and diffusion of education. Among the sums so applied, were upwards of £100,000 for the establishment of schools in the town of St. Andrew's where he was born, and £10,000 to the British Naval school.

BELL, JOHN, an eminent surgeon, died 1820.

BELL of the church of Notre Dame, baptized and received the names of the duke and duchess of Angouleme; the prince de Foix and duchess de Dames being proxies, Nov. 15, 1816.

BELL, BOOK, and CANDLE, swearing by, originated in the manner of the Pope's blessing the world yearly, from the balcony of St. Peters, at Rome. He holds a wax taper lighted; a cardinal reads a curse on all heretics, and no sooner is the last word uttered, than the bell tolls, and the pope changes the curse into a blessing, throwing down his taper among the people.

BELLAIR, North America, attacked unsuccessfully by the British, and Sir Peter Parker killed, Aug. 30, 1814.

BELLAMY, THOMAS, born at Kingston-on-Thames, 1744, and after twenty years in business as a hosier, he projected the "General Magazine," and the "Monthly Mirror," and devoted the whole of his time to literature, under the auspices of Harrison, the bookseller, and friend of Montgomery, the poet. He was a man of original genius and talent, author of several elegant poetical effusions and some dramatic pieces.

BELLARMIN, CARDINAL, one of the ablest controversial writers among the Roman Catholics, born in Tuscany 1542. In 1576 he read lectures at Rome with such applause, that Sixtus V. sending a legate into France in 1590, appointed him as a divine. In 1599, he was made a cardinal, and died 1621. He left, at his death, to the Virgin Mary one half of his soul, and to Jesus Christ the other.

BELLAY, French poet, born 1524, died 1561.

BELLEISLE. An engagement took place off this island in the year 1759, between the English fleet, under Hawke, and the French, commanded by Conflans, when the latter were defeated. It was taken by the English in the year 1761, but restored to France at the peace of Fontainebleau.

BELLINGHAM, Northumberland, twenty-five houses at, destroyed by fire, Aug. 25, 1750.

BELLINGHAM, JOHN, shot Spencer Perceval, prime minister of Great Britain, in the lobby of the House of Commons, May 11, 1811.

BELLINI, a musical composer, author of I. Puritani, died 1835.

BELLOWS, invented A. C. 554.

BELLMEN, first appointed in London 1556. They were to ring their bells at night, and cry.—"Take care of your fire and candle, be charitable to the poor, and pray for the dead."

BELLROCK LIGHT-HOUSE, Scotland, finished Feb. 12, 1811. See **LIGHT-HOUSE**.

BELLS, invented by Paulinus, bishop of Nola, in Campagna, about 400; first known in France, 550; first used by the Greek empire, 864.

Bells were introduced into monasteries in the seventh or eighth century.

Pope Stephen III. placed three bells in a tower on St. Peter's at Rome. They were introduced in the churches of Europe, 900. The first tuneable set in England, were hung up in Croyland abbey in Lincolnshire, 960. They were first generally introduced into Switzerland, 1020. Used to be baptized in churches, 1030.

The following are the weights of the principal bells in Europe:—

	<i>lbs.</i>
Empress Anne's, Moscow	432,000
Boris Godinuf's, ditto	288,000
Novogorod great bell	70,000
Ambrise bell, Rouèn	40,000
Vienna bell, cast from Turkish cannon	40,200
Erfurt, Prussian Saxony	30,000
Great Tom, of Oxford	18,000
St. Paul's, London	11,400
Ghent, Flanders	11,000
Great Tom, of Lincoln	10,400
Worcester great bell	6,600
York ditto	6,600
Gloucester ditto	6,000

BELSHAM, REV. THOMAS, Unitarian minister, and author of the "Calm Inquiry into the Scripture Doctrine of the Saviour," died 1829.

BELTON, Rutlandshire, 27 houses, with their offices, destroyed by fire, May 27, 1776.

BELUS, according to some, the Nimrod of Scripture, began the kingdom of Babylon, A. C. 2245. According to others, Belus, the Assyrian began to reign at Ninevah A.C. 2124, and during 55 years extended his conquests and territory on every side.

BELVOIR CASTLE. Greater part of this noble seat of the Duke of Rutland destroyed by fire, Oct. 28, 1816.

BELZONI, the Egyptian traveller, born in Italy about 1795. Arrived in England in 1813, and for some time procured a livelihood by exhibiting experiments in hydraulics, &c. Embarked from Malta for Egypt about 1816, where he remained several years, and discovered many remains of Egyptian antiquity.

1820. He returned to England with numerous and important remains, among which, was the colossal bust of Memnon. During the years 1821 and 1822, these were exhibited at the Gothic Hall, Pall Mall, London. Set out for Africa 1822 to join the other travellers, Clapperton

and Denham, at Haussa. He was attacked with dysentery at Benin, (on his way to Haussa and Timbuctoo) Nov. 26, 1823, and died at Gato, Dec. 3; was buried at Gato Dec. 4.

BEMBO, cardinal of Venice, died 1547, aged 77.

BENBOW, ADMIRAL, fought the French off Carthagen, 1702. Having had his leg shattered in that engagement, he died of his wounds the 4th of November following. Five captains under Admiral Benbow, were tried at Port Royal, in Jamaica, for cowardice in this engagement, when two were shot on their return to England.

BENDER, a city in European Russia. In 1709, it became the retreat of Charles XII. of Sweden, after his disastrous defeat at Pultowa, where he remained until 1711. In 1770 it was taken by storm by the Russians, under General Panim, who butchered the greater part of the inhabitants, at that time amounting to 30,000 individuals, nearly half of whom were soldiers, and reduced the city to ashes. At the peace of Kaynardgi, it was restored to the Turks; but on Nov. 15, 1789, the Russians again took possession of the place. They finally made themselves masters of it a third time, and retained it at the peace of 1812.

BENEDETTO. See CASTIGLIONE.

BENEDICT, ST. founder of the Benedictines, born in Italy about 480; died 546, aged 66.

BENEDICTINES, founded about 528, introduced into England 596, monasteries destroyed under Henry VIII., re-established at Douay in the Netherlands in 1608.

BENEFICES, began, about 500. The number in England and Wales, is 10,674 benefices and parochial chapels, with 649 chapels not parochial, and 227 new churches and chapels, erected under the authority of the Church Building Acts. The number of Irish benefices is 2,168. In England, their patronage, or gift, is as follows:—

<i>Rectories. Vicarages.</i>	
Of the crown	558 490
the bishops	592 709
deans and chapters	190 792
the University of Oxford	202 112
the University of Cambridge	152 131

Collegiate Establishments 39 107
 In corporations 3444 3175
 The number of benefices, churches, and chapels, in the respective dioceses is as follows,—

	<i>Benefices.</i>	<i>Churches & Chapels.</i>
Asaph, St.	160	143
Bangor	131	193
Bath and Wells	440	493
Bristol	255	306
Canterbury	343	374
Carlisle	128	129
Chester	616	631
Chichester	266	302
Davids, St.	457	561
Durham	175	214
Ely	156	160
Exeter	607	711
Gloucester	283	330
Hereford	326	360
Llandaff	194	228
Litchfield & Coventry	623	655
Lincoln	1273	1377
London	577	689
Norwich	1076	1210
Oxford	208	237
Peterborough	305	338
Rochester	93	111
Salisbury	408	474
Winchester	389	464
Worcester	222	260
York	825	876

In Ireland, the patronage of 2,073 of the benefices is as follows:—

<i>Rectories & Vicarages.</i>	
Of the crown	293
The Bishops	1,392
Impropriators	367
Dublin University	21

The crown has also the patronage of the bishoprics, the deaneries, prebends, &c. The annual incomes of the English livings are,—

	290	under £50 a year,	
1,621	of	£50 and under	£100 a year
1,591	..	100	150
1,355	..	150	200
1,964	..	200	300
1,317	..	300	400
830	..	400	500
504	..	500	600
337	..	600	700
247	..	700	800
129	..	800	900
91	..	900	1,000
137	..	1,000	1,500
31	..	1,500	2,000
18	..	2,000 and upwards	

The English benefices are held by individuals in the following proportions:—

<i>Number of individuals.</i>	<i>Living held by each.</i>
1	11
1	8
5	7
12	6
64	5
209	4
567	3
2,027	2
4,305	1

The 2,073 Irish livings are held by about 700 individuals.

The income of the English church, viz., £9,500,000, is shared among less than 8,000 individuals; that of the Irish church, or £1,500,000, is shared among about 3,000 individuals.

BENEFICENCE, SOCIETY OF, established in Holland, for the amelioration of the condition of the poor, in 1818.

BENEFIT OF CLERGY. By the statute 7 and 8 Geo. iv. c. 27. passed June 21, 1827, various statutes in England, relative to the benefit of clergy, and to larceny, and other offences connected therewith, and to malicious injuries to property, and to remedies against the hundred, are repealed. See **CLERGY, BENEFIT OF**.

BENEFIT SOCIETIES' ACT, passed, 1795.

BENEVENTO, seized by the king of Naples from the Pope, in 1768.

BENGAL, formerly a province of the Mogul empire, first known to Europeans in 1517, when some Portuguese, according to their history, were thrown on the coast by a tempest. Mohammed Buktyar Khillijee invaded Bengal, drove out the native sovereign, and assumed the government himself, 1203. Erected into an independent kingdom, 1340, which existed until 1533, when it again became an appendage to the throne of Delhi.

1634. The British obtained permission to trade to Bengal, but were restricted to the port of Piplely in Orissa, where they established their factory. In 1656, owing to extortion and oppression, the company withdrew their factories. In 1664, the French and Danes established themselves here. In 1678, the British appear to have returned, and, in 1681, Bengal was constituted a distinct agency. In 1696, the Dutch at Chinsura, the French at Chandernagore, and the British at Chattanuttec, were permitted

to raise regular fortifications to protect their possessions. In 1706, the whole stock of the East India Company had been removed to Calcutta, where the garrison consisted of 129 soldiers. In 1740, the empire of Delhi was virtually annihilated.

1756. Seraje-ud-Dowlah took undisputed possession of Bengal, Bahar, and a portion of Orissa; and on June 20, in the same year, he captured Calcutta and shut up his prisoners, 146 in number, in the black hole, a room 20 feet square, where all except 23 perished in one night. See **CALCUTTA**. In 1757, Calcutta was re-taken by the British, and from this era may be dated the commencement of the British government of this province, although the dewanny, or authority to collect the revenue, was not obtained from Delhi until 1765. In 1768 and 1769, the crops proved scanty, and scarcely any rain having fallen in October, of the latter year, the December crop totally failed, which caused a most dreadful and desolating famine, during which the child fed on its parent, and the mother on her child; the number cut off by this scourge exceeded 3,000,000. In 1772, the ostensible seat of government was removed to Calcutta; English supervisors were sent into the districts to superintend the collection of the revenue, which hitherto had been done by natives; the direct authority of the British now pervaded the interior in the civil administration of justice, and the native government was abrogated, with the exception of criminal jurisprudence, which was still exercised by the nabob; who abused his power by vesting his authority in some Mohammedan delegate, who filled the inferior courts by sale. This destructive system soon became insupportable, and, in 1786, during the administration of Lord Cornwallis, the nabob was induced to appoint the governor-general in council his delegate in the office of supreme criminal judge. At the same period the land revenue was permanently fixed, and British power predominated in every department.

1834. On the renewal of the charter of the East India Company, the commercial character of that great establishment was resigned, and its political authority only, continued in Bengal. The East India trade is now open to all British subjects and vessels without restriction.

BENGAN, on the Danube, was taken by the French, September 16, 1747.

BENIN, a kingdom, Western Africa, coast of Guinea, extending along the coast from the river Lagos to cape Formosa, first explored by Alfonso de Aveiro, in 1486. Described by Adams, who visited it about 1812.

BENNETT, TIMOTHY, one of Gilbert Wakefield's "Two Village Hampdens," who by his public spirit, compelled Lord Halifax, the ranger of Bushy Park, to re-open the footpath from the village of Hampton Wick to Kingston-upon-Thames, through that park, which had been shut up from the public for several years. The other village patriot was Lewis Richmond, who nobly resisted some meditated royal encroachments.

BENSERADE, the French poet, born 1612, died 1691.

BENTHAM, EDWARD, English divine, and writer of the history of Ely cathedral, died 1776.

BENTHAM, JEREMY, an eminent English lawyer, born 1747, died 1832. He was an eccentric character during his life, and at his death his body was bequeathed to Dr. Southwood Smith, for the service of anatomy.

BENTIVOGLIO, CARDINAL, author of the "Civil Wars of Flanders," born 1579, died 1644, aged 65.

BENTLEY RICHARD, a very eminent critic, born at Oulton, near Wakefield, in Yorkshire, January 27, 1661-2. In 1691-2, he published his first work, which was a Latin epistle to Dr. Mill, containing, "Critical Observations on Malala's Chronicon." In 1692, he was installed a prebend of Worcester; and in the following year he was appointed keeper of the royal library at St. James's. In 1696, he was admitted to the degree of doctor of divinity in the university of Oxford. In 1697, he published "Dissertations on the Epistles of Themistocles, Socrates, Euripides, Phalaris, and the Fables of Æsop." This publication was succeeded by a literary controversy with Mr. Boyle, on "The genuineness of the Epistles of Phalaris," which engaged at the time a great degree of public attention. In 1711, he published his edition of "Horace," said to be the most complete work produced by criticism since the restoration of learning. In 1716, Dr. Bentley was appointed regius professor of divinity. In 1726, he published an edition of "Terence and Phædrus;"

and in 1732, the last of his works, which was his edition of "Milton's Paradise Lost." He died July 14, 1742, aged 81.

BENYOWSKI, COUNT, a singular Hungarian adventurer, born 1741, slain 1786.

BERCROFT'S ALMSHOUSES, Mile End, Middlesex, built 1785.

BERCHEM, OR BERGHEM, a celebrated Dutch painter of landscapes and cattle, born 1624, died 1689.

BERENGER, principal of the public school at Tours, and archbishop of Angers, was much celebrated for his opposition to the doctrine of transubstantiation as early as the year 1045. Pope Nicholas II. summoned him to Rome, 1058, and in the council which was held there the following year, so terrified him, that he declared his readiness to embrace and adhere to the doctrines which that venerable assembly should think proper to impose upon his faith. The remainder of his life for 30 years exhibited the same vacillation of mind which he had already manifested. He died in 1088.

BERE-REGIS, Dorsetshire, 42 dwellings at, with outhouses, destroyed by fire, June 8, 1788.

BERGEN-OP-ZOOM, taken by the French, September 16, 1747, again 1794. Attempt by the British to carry the place by storm defeated, March 8, 1814.

BERGHAM ABBEY, Sussex, built 1160.

BERGMAN, a celebrated Swedish chemist, a native of Catharineberg, in West Gothland. Born in 1735, and received his education at the university of Upsal. In 1761 he was appointed professor of mathematics and natural philosophy at Upsal, and in 1767, on the resignation of Wallerius, he obtained the professorship of chemistry in the face of a violent opposition; a situation which he filled during seventeen years, with the greatest credit to himself, and advantage to the science. He determined the true nature of fixed air, and died in 1784.

BERIOT MADAME MALIBRAN DE, the celebrated singer, who had been taken ill during one of her performances at the Manchester musical festival, died September 23, 1836, aged 28.

BERKELEY, GEORGE, the celebrated bishop of Cloyne, in Ireland, was born at Kilcrin, near Thomastown, in the county of Kilkenny. Became a fellow of Trinity college, Dublin, in 1707. In

1717, created doctor of divinity by diploma. In 1721, obtained the deanery of Down. In May, 1734, he was consecrated bishop of Cloyne, and vacated his deanery. On that occasion he said to his few intimates, "I will never accept of a translation." He adhered to this resolution to the end of his life, though he was offered the vacant see of Clogher, of more than double the value of Cloyne. In 1751, he removed to Oxford, to superintend the education of his son, where he died, January 14, 1753. Few persons were ever held in higher estimation by those who knew him than this excellent prelate, whose worth was of so high a standard as to render the praise of Pope scarcely hyperbolic, when he ascribes

"To Berkeley every virtue under heaven."

His principal works were, "An Essay towards a new Theory of Vision," "The Principles of Human Knowledge," "Alciphron, or the Minute Philosopher," "The Analyst," and the "Querist." A complete edition of his works, with an account of his life, and several letters, was published in two quarto volumes in 1784.

BERKELEY, JUDGE, arrested on his seat in the court of King's Bench, and sent to prison for giving his opinion in favour of ship-money, February 10, 1640.

BERKLEY CASTLE, Gloucestershire, began by Henry I., 1108; finished by Henry II.

BERLIN, founded in 1163, by Albert, the Bear, and settled by emigrants from Holland. It was taken by the Austrians and Russians in 1760, and occupied by Napoleon in 1806, after the battle of Jena. In 1828, the annual meeting of German naturalists for the promotion of natural science was held here, the president, Alexander Von Humboldt.

BERLIN coach, invented 1509.

BERLIN decree, issued by Buonaparte, declaring the British territories in a state of blockade, and interdicting the whole world from having any communication with them, November 21, 1806, revoked as to America, April 28, 1812.

BERLIN UNIVERSITY, founded by the king of Prussia, 1809.

BERMUDAS, or Somers' Islands, in the Atlantic ocean, discovered by Juan Bermudas, a Spaniard, in 1522; and, in 1602, Sir George Somers, an Englishman, being wrecked here, his crew formed the first settlement, and since that

time they have belonged to England. During the civil war in England many withdrew from their native country to these islands; amongst the number was the poet Waller, who celebrated the praises of the land of his exile in patriotic measures.

1813. Hurricane at Bermuda, by which one-third of the houses were destroyed, and all the vessels in the harbour, except two, driven ashore or sunk, July 26. On April 3, 1834, the House of Assembly passed a resolution, declaring slavery, without any modification of apprenticeship, abolished in the colony, from August 1, following.

BERNADOTTE, General, elected crown prince of Sweden, 1810; concluded a treaty of subsidy and amity with Great Britain, 1812. At the death of Charles XIII., he ascended the throne, 1818.

BERNARD ST., born 1091, founded the abbey of Clairvaux, 1115, died 1153.

BERNARD, ST., of Savoy, the founder of a religious community, was born in the Genevois, in 903. Having witnessed the hardships and dangers encountered by the pilgrims, in their passage to Rome over the Alps, he founded two monasteries, or hospitia, for their relief, on Mount-joux, called from him, "Great and Little St. Bernard." He died at Novara, at the age of 85, and was canonized by the Romish church. His institution has undergone a variety of vicissitudes, and lost great part of its riches; but it still subsists, and is eminently useful to travellers.

BERNARD, DR. EDWARD, the astronomer, born 1638, died 1695.

BERNARD, PETER QUESNEL, a French writer, died 1773.

BERNARD, SIR THOMAS, an English philanthropist, conductor of poor societies, died July 1, 1812.

BERNARD, SIR JOHN, statue erected on the exchange, died 1764, aged 80.

BERNARD CASTLE, Durham, built 1270.

BERNE, in Switzerland, made an imperial city, 1290; ancient government of, overturned by the French; re-established, December 24, 1813; the diet met here by rotation in 1835-6; at Lucerne in 1827-8.

BERNO, Italian poet, poisoned 1536.

BERNOULLI, JAMES, a celebrated mathematician born at Basil, December 27, 1654. Having taken his degrees at

the university of Basil, he applied himself to divinity, not so much from inclination as from deference to his father, who had designed him for the church. But his predilection for the mathematics induced him to make it his constant study, in opposition to his father's wishes, so that he soon became a geometrician, without any assistance from masters, and at first almost without books. In 1676, he composed universal gnomonic tables, but they were never published. In 1687, he was made professor of mathematics at Basil. In 1699, he was admitted into the academy of sciences at Paris as a foreign member, and in 1701, the same honour was conferred upon him by the academy of Berlin. He died August 16, 1705, aged 58.

BERNOULLI, JOHN, the brother of the above, and no less celebrated as a mathematician, was born at Basil in 1667. Received the degree of doctor in philosophy in 1685. He was a member of most of the academies of Europe, and received as a foreign associate of that of Paris in 1699. He died 1748, aged 81.

BERNOULLI, DANIEL, a celebrated physician and philosopher, and son of the preceding, born at Groningen, February 9, 1700. In 1748, he succeeded his father in the academy of sciences. He died in 1782.

BEROSUS, the Chaldean historian, flourished, A. C. 268.

BERRETINI, an Italian, and an excellent painter of history and landscapes, born 1596, died 1669.

BERRI, DUKE DE, assassinated at Paris, February 13, 1820, by Louvel, a fanatic.

BERRI, DUCHESS OF, took part in the Carlist movements in France, 1832. Arrived at La Verdée in May. Immediately on ascertaining the presence of the duchess, a royal ordinance appeared on June 3, placing under martial law the departments of Maine and Loire, La Vendée, the Loire Inferieure, and Deux Sevres. Issued proclamations in the name of her son as Henry V., and herself as regent; the royalist cause failing, she escaped in disguise.

In the beginning of November, she came into Nantes, and on the morning of the 6th, her house was surrounded by gendarmes, and searched. No person was found. The police was accompanied by masons to detect, by sounding the walls, private places of concealment, but

none was discovered. In one apartment a corner was marked by a chimney, in which the gendarmes had lighted a fire during the night. It had been allowed to go out, but was rekindled in the morning. It was thought that the apparatus of the chimney was not precisely as it had been. The fire was raised higher; voices were heard behind it. The inmates of the secret recess, to which it was the entrance, unable longer to endure the heat, came forth from their hiding place, and the duchess of Berri, with three of her ladies, was a prisoner. She behaved with great good humour and cheerfulness. They had remained fifteen hours in this narrow hole, too small to be called a closet. The duchess was immediately conveyed by sea to the castle of Blaye, on the banks of the Gironde, where she was treated with the civility, and accommodated with the comforts, which were demanded by her sex and rank, no less than by her spirit and fortitude, however imprudently directed.

1833, February 22. Having been found pregnant in her prison at Blaye, she declared herself to have been secretly married in Italy.

May 10. Delivered of a female child, on which occasion she declared herself the wife of Count Hector Luchesi Palli, gentleman of the chamber to the king of the Two Sicilies, and Neapolitan Envoy at the Hague.

June 9. Liberated and sent off to Palermo, it being considered that the recent disclosures had neutralized her power of giving disturbance.

1834, March 8. The duchess as guardian of the Duke of Bourdeaux, having appealed against the sequestration placed on the estate of Chambord, the civil tribunal of Blois delivered judgment, restoring the full possession of the domain to the young prince.

BERRY, Rear-Admiral Sir E., born 1769, died 1831.

BERRY, Pomperoy, Castle, Devon, built 1070.

BERTHIER, MARSHAL, prince of Wagram, threw himself from the window of a house at Bamberg, and was killed, June 1, 1815.

BERTHOLD, or **SCHWARTZ**, a monk, who, mingling the ingredients of which gunpowder is composed, for a medicine in a mortar, and laying a stone upon it, it caught fire by his striking a

light near it, and blowing up the stone with violence the idea of gunpowder was suggested; died 1340.

BERTHOLLET, COUNT, the French chemist, died 1822.

BERTIN, N., an eminent French historic painter, born 1667, died 1736.

BERWICK, DUKE OF, born 1670, killed at the siege of Philipsburg, June 12, 1734.

BESANCON, Burgundy, university of, founded in 1540.

BETHLEHEM HOSPITAL, Moorfields, built 1553, rebuilt 1675, pulled down 1818, and removed to Lambeth, being built on the site of the Dog and Duck gardens, and called "New Bethlehem hospital." First stone laid, April 20, 1812.

BETHLEHEMITES, religious sect, began 1248.

BETTENSON, MR., of Queen's square, left £30,000 to charitable uses, £10,000 of it to Mr. Hetherington's charity for the blind, October 28, 1788.

BETTERTON, player, born 1635, died 1605.

BEVELAND, South, the island of, taken by the English, August 3, 1809.

BEVERLEY CHURCH, Yorkshire, built 711.

BEVERLEY, near Nottingham, 14 houses at, burnt March 19, 1816.

BEVERTON CASTLE, Gloucestershire, built 1076.

BEZA, THEODORE, one of the principal pillars of the reformed church, born at Vezelai, in Burgundy, 1519. In 1549, he accepted the Greek professorship at Lusanne. In 1571, he was chosen moderator of the national synod of Rochelle. In 1600, he discontinued his public addresses, and died October 13, 1605.

BIANCHINI, a Veronese philosopher, founder of the academy of Altophili, born 1662, died 1729.

BIBLE. The word comes from the Greek *Βιβλία*, or *Βιβλιον*,^f used to denote any book; but, by way of eminence, applied to the book of Scripture, which is "the book," or "book of books," as being superior in excellence to all other books. The list of the books contained in the Bible, is called the canon of Scripture. They are called canonical, by way of contradistinction from others called deuterocanonical, apocryphal, &c., which either are not acknowledged as divine books, or are rejected as heretical and spurious. See **APOCRYPHA**.

The first canon or catalogue of the sacred books was made by the Jews, but the original author of it is not satisfactorily ascertained; it is generally allowed to be by Ezra, about A.C. 445. The original language of the Bible is probably the Hebrew. The most ancient manuscripts were written between A.D. 900 and 1100; but though not more than eight or nine hundred years old, they were transcribed from others of a much more ancient date. The manuscript preserved in the Bodleian Library, Oxford, is not less than 800 years old. The most ancient printed Hebrew Bibles are those published by the Jews of Italy, especially those of Pisars and Bresse. The Chaldee Bibles are but expositions made by the Jews at the time when they spoke the Chaldee tongue, and, therefore, are most usually called by the name of Targumim, or paraphrases, as not being any strict version of the Scripture. The Targum of Jonathan Ben Uzziel, supposed to be done about 50, is a Chaldee paraphrase, rather than a version, on Joshua, Judges, Samuel, Kings, Isaiah, Jeremiah, Ezekiel, and the twelve minor prophets.

The **SAMARITAN** is ranked among the most ancient oriental versions, although neither its date nor author can with certainty be ascertained. It comprehends only the Pentateuch, and has never been printed any where but in the London and Parisian Polyglots.

The **SEPTUAGINT**. According to Aristobulus, the Pentateuch and Joshua, if not other books also, must have been translated into Greek, before the time of Alexander the Great. The Septuagint, or Greek version ascribed to seventy interpreters, was not composed till long after. Josephus, Philo, Justin Martyr, Epiphanius, and others, say it was done by seventy-two Jewish translators, at the request of Ptolemy Philadelphus, king of Egypt, for the use of his library, 284. This version prepared the way for Christianity, and was very much used by the primitive churches, as well as among the Hellenistic Jews.

The **COPTS**, or remnant of the ancient Egyptians, have a very old translation of the Bible. The Old Testament is done with considerable exactness from the Alexandrian Septuagint. There are several MS. copies of the Coptic Bible in public libraries. There was one much

esteemed in that of the late king of France, Louis XVI. The Gospels and Psalter have been recently printed by the Bible Society.

ENGLISH BIBLES. Adelm, bishop of Sherbourn, made an English-Saxon version of the Psalms as early as 709; and Edfrid, or Ecbert, bishop of Lindisferne, translated several books of Scripture into the Anglo-Saxon about 730. It is said also, that Venerable Bede translated the whole Bible into that language prior to 785, in which year he died. In 699, a version of several books of the Bible was made by Elfric, Abbot of Malmsbury: it was published at Oxford, and copies of it are still extant. One of the first attempts at a translation of the Scriptures into the English language, as spoken after the Norman conquest, appears to have been made by Richard Rolle, a hermit of Hampole, in Yorkshire, who translated the Psalter, and wrote a glossary upon it, and a metrical paraphrase of the book of Job; he died in 1349. About 1360, John Wickliffe composed his version of the Scriptures, which was never printed, but is still extant in manuscript in many of the public libraries. A translation, however, of the New Testament, by Wickliffe, was published about 1731.

The first printed copies of the New Testament were of the translation of W. Tindall, assisted by Miles Coverdale, afterwards bishop of Exeter. It was printed abroad in 1526, but most of the copies were bought up and destroyed by bishop Tonstall and Sir Thomas More. It was, however, reprinted in 1530. In 1532, Tindall and his colleagues completed all the canonical books, and printed them abroad in one volume. John Rogers, the protomartyr of queen Mary's reign, and Miles Coverdale, carried on the work, revising Tindall's translation by a careful comparison with the Hebrew, Greek, and Latin, adding the Apocrypha and notes from Luther's Bible. Rogers had the work printed at Hamburgh, under the assumed name of Thomas Matthews, and hence it was called Matthews' Bible. It was further corrected by Cranmer and Coverdale. Cranmer added a preface to it, and had it printed in England, 1540; it was the first ever printed in this country, and is called Cranmer's Bible. By a royal proclamation, king Henry VIII. ordered a copy of it to be supplied to every church, and left open for the perusal of

all who chose; it was afterwards suppressed by the same authority that gave it sanction. It was restored under the authority of Edward VI., but again suppressed in the reign of queen Mary, and finally restored by queen Elizabeth, going through a new edition in 1562. When Coverdale, Cole, and others were exiles, they framed another translation, to which they added notes, and had it printed at Geneva. This was called the Geneva Bible, and was the first Bible in English in which any division was made of chapters into verses.

1568. That version denominated the Bishops' Bible appeared. Archbishop Parker was desirous of superseding the Geneva Bible, and therefore, engaged the bishops, with other learned divines, to take each a portion to translate; and these several parts were eventually brought together, and published in folio. In 1589, it was published in octavo, and the chapters divided into verses like the Geneva edition.

1584. The Rheinish New Testament was published. The English Roman Catholics at Rheims procured this to counteract the influence of the protestant versions. About 1609 or 1610 the Roman Catholics of England published a translation of the Old Testament at Douay. They have therefore now their own version of the whole Scriptures in the English language, but are forbidden to read it without a special permission first obtained.

The last English version of the whole Scriptures was that which resulted from the Hampton Court conference. The puritans on that occasion suggested unanswerable objections to the Bishops' Bible, and king James entertained an unconquerable aversion to the Geneva Bible. Fifty-four men of very considerable classical learning were therefore, in 1604, nominated to produce a new translation, and, in 1607, forty-seven of them entered on the actual duties of their office. In three years their work was complete, and the new version made its appearance in 1610. This is the version still authorized in England by royal authority, and is esteemed, next to the Flemish, the best extant. Of this version the following have been issued by the British and Foreign Bible Society up to the year 1838: English various editions 3,208,150 Bibles, 3,626,055 Testaments. Total 6,834,205. Psalms 264,154. Gospels and Acts 5,198.

The following is an alphabetical list of the other principal translations and editions of the Scriptures :—

ARABIC. There is an Arabic translation of a part of the Scriptures as early as 710. About the year 900, Saadiah Gaon, a Jew, translated the Old Testament into Arabic. There was an Arabic edition of the Old Testament printed at Rome in 1671, by order of the congregation de propaganda fide; it is not, however, in much repute, having been altered to correspond with the Vulgate. The British and Foreign Bible Society have issued an edition of the Arabic Bible, amounting to 30,558 copies.

ARMENIAN. The Armenians have a translation of the Old Testament done from the Septuagint by Moses Grammaticus in the fifth century. In 1666, it was collated with, and altered from the Vulgate, and printed at Amsterdam under the direction of one of their bishops. The British and Foreign Bible Society have printed the entire Bible in ancient Armenian, and the New Testament in modern Arminian, (with ancient, in columns,) to be circulated in Armenia Proper; and prepared for the Armenians of Constantinople, Calcutta, &c.. They have also printed the New Testament in the Ararat Armenian, to be circulated around Mount Ararat, south of Georgia.

BOHEMIAN. The Bohemian Taborites, about 1506, published a Bible in their language, done from the Vulgate. In the sixteenth century, eight Bohemian divines, having previously qualified themselves by a course of study in the original languages at Wirtemberg and Basil, published a version of both Testaments from the original texts; this was printed in Moravia, 1539. The British and Foreign Bible Society have printed the entire Bible in Bohemian, for Tschechs of Bohemia, and Slovaks of Hungary.

CALMUC. The society of united brethren at Sarepta, having begun a translation of the gospel of St. Matthew into this language, the whole New Testament was completed under the superintendance of the British and Foreign Bible Society. As this dialect is likely to be understood by other Mongolian tribes in Siberia, and on the confines of China, the most beneficial effects are anticipated.

CHINESE. The late Dr. Morison, of Canton, completed the translation of the Bible in the Chinese language;

and the British and Foreign Bible Society have printed the entire Bible (Morison's version) to be circulated in China Proper, and among the numerous Chinese in the Indian Archipelago, and the New Testament in the Mantchou, to be circulated in Mantchuria; it is also the court language in Peking.

DANISH. In 1550, Peter Paladus, Olaus Chrysostom, John Synningius, and John Maccabæus, published the first Danish Bible from the German of Martin Luther. In 1605, Paul Risenius, bishop of Zealand, published another Danish Bible; and, in 1624, John Michel published a Danish version of the New Testament. The British and Foreign Bible Society have also published several editions.

DUTCH or FLEMISH. Bibles of this description done by Roman catholics are very numerous; but all of them are anonymous except that of Nicholas Vinck, printed at Louvaine in 1540. The Calvinists of the Low Countries used originally a version done from that of Luther; but, in 1618, the synod of Dort appointed deputies to produce a new Flemish translation from the original languages. This was published in 1637, and is considered a remarkably correct version. The British and Foreign Bible Society have published the entire Bible in Dutch, to be circulated in Holland and Dutch colonies; and in Flemish, to be circulated in Belgium.

FRENCH. There are three ancient French translations. The first by Peter de Vaux, chief of the Waldenses, published in 1160. The next in 1290, by Guinard les Moulins. The third in the reign of Charles V. of France, about 1383, by Raoul de Preste, who made a new translation into the French. Besides these there are several ancient French versions of detached books of Scripture. There are also a considerable number of Bibles and Testaments translated by protestants. Faber's version of the New Testament was printed for those of Piedmont in 1534. The British and Foreign Bible Society have published the entire Bible of the versions of Martin, Ostervald, and De Sacy, to be circulated in France, Switzerland, and the French colonies. The New Testament in the Breton, or Armorican, to be circulated in the province of Brittany; the Old Testament being translated, but not printed. The French Basque, the

entire Bible, to be circulated in the departments of the Pyrenees, and province of Navarre.

GÆLIC. A few years ago a version of the Bible in this language was published at Edinburgh; and recently the British and Foreign Bible Society have published and circulated several editions.

GEORGIAN. The inhabitants of Georgia, in Asia, have long possessed a version of the whole Scriptures in the ancient language of the country. The British and Foreign Bible Society have printed the New Testament in the Georgian, (Kedvuli, or ecclesiastical characters, and also in the civil, or common characters,) to be circulated in Georgia, south of the Caucasus.

GERMAN AND GOTHIC. The most ancient translation in this tongue was made about 360, by Ulphilas, bishop of the Goths. Between 1527 and 1532, Luther composed his translation, and published it in seven parcels as it was ready. It is agreed by competent judges that the language is pure and free from intricacies. The British and Foreign Bible Society have printed the entire Bible in German, (Luther's version,) to be circulated in protestant Germany, Prussia, &c., and the New Testament in the three versions of Gosner, Van-Ess, and Kistemaker, for Roman catholics in Germany. They have also printed the Pentateuch, Prophets, and Psalms, for German Jews, in the German and Hebrew, in columns; and the New Testament, the German version in Hebrew characters.

GREEK. Although the editions of the Greek Bible are very numerous, they may all be reduced to four versions. 1. The Complutensian, published by Cardinal Ximenes, in the Complutensian Polyglot in 1515. 2. The Venetian Greek Bible is that printed at Venice in 1518, from the collation of many ancient copies, by Andrea Asulanus. 3. The Vatican Greek Bible in 1587. It was formed from the Vatican by Cardinal Carraffa, and several other eminently learned men. 4. The fourth, or Grabe's Alexandrian Greek Bible, is that of Oxford, taken from the Alexandrian manuscript, by Dr. Grabe, in 1707. The New Testament in its original Greek has undergone a great variety of editions. Those of Mills, Kuster, Wetstien, and Bengelius, are the most valuable, as having various readings. The British

and Foreign Bible Society have printed the New Testament in the ancient Greek version, for students. The entire Bible in the Russian Bible Society's version, for the Greek churches. The New Testament in the modern Greek, and the entire Old Testament translated, for the Greek people in general. The Albanian version, (with modern Greek,) of the New Testament, for the province of Albania, on the Adriatic.

HEBREW. The Hebrew Bible, as published by Vander Hooght, in 1705, is preferable to every printed edition by which it is preceded. Dr. Kennicot, after a laborious collation of between six and seven hundred manuscripts, many of the whole, others of only parts of the Scriptures of the Old Testament in 1780, published his folio Hebrew Bible, in two volumes. The text is that of Vander Hooght, differing only in the disposition of the poetical parts, which Dr. Kennicot has printed in hemistics, as they naturally divide themselves, but still retaining the order of words as before. The British and Foreign Bible Society have reprinted the Old and New Testament in Hebrew, for the Jews, and for students.

ICELANDIC. The inhabitants of Iceland have a version of the whole Scriptures in their language, which was made by Thorlak, and published in 1584. The British and Foreign Bible Society have reprinted the entire Bible, to be circulated in Iceland.

IRISH. About 1630, Bedell, bishop of Kilmore, caused the English Bible to be translated into Irish. The manuscript, however, was not put to press till 1685. The British and Foreign Bible Society have printed the entire Bible for circulation in various parts of Ireland.

ITALIAN OR GRISSON. An Italian version of the Bible was produced from the Latin Vulgate by Nicholas Malerme, a benedictine monk, and published at Venice in 1471. In 1530, Anthony Bruccioli published another translation, which was prohibited by the council of Trent. The protestants have two Italian versions, one by the celebrated Diodati, which is rather a paraphrase than a translation, of which the first edition was published in 1607, and the second with corrections in 1641. The other translation was executed by Maximus Theophilus, and dedicated to the duke of Tuscany, about 1537. A translation

of the Bible into the language of the Grissons, in Italy, was completed by Coir, and published in 1720. The British and Foreign Bible Society have printed the entire Bible, in the two versions of Diodati and Martini, to be circulated in Italy. In the Romanese, for the Grissons of Switzerland. Lower Romanese, or Enghadine, for the borders of the Tyrol. The New Testament in Piedmontese, for Piedmont. And St. Luke, and St. John, in Vaudois, (with French,) for the Vaudois, or Waldenses.

LATIN. The editions of the Bible in Latin during the primitive ages of Christianity were very numerous, but they may all be classified under four general distinctions. First, the ancient Vulgate which was translated from the Septuagint, and used in very primitive times. Second, a version by St. Jerome, made about 370, far preferable to the the old Latin Vulgate, but far from perfect. A third version is the old Vulgate,

corrected by the more recent translation of St. Jerome, and this is called the modern Vulgate. A modern Vulgate was published in folio, 1571, by Arius Montanus. A fourth class is the Vulgate edition corrected from the originals. Since the reformation there have been several Latin versions of the Scriptures done by protestants from the original. The versions in the highest estimation are those of Munster, Leo Juda, Castalio, and Tremelius, from 1534 to 1573. The British and Foreign Bible Society have printed a correct edition of the whole of the Bible in Latin, chiefly for the use of the ecclesiastics in various parts of Europe.

MALAYAN. About 1670, Sir Robert Boyle procured a version of the New Testament in the Malayan language. The Malayan Bible was also translated by Brower and Valentine, two Dutch missionaries in the East Indies.

The following are the versions printed and circulated by the British and Foreign Bible Society in the Malay language:—

<i>Versions.</i>	<i>What printed.</i>	<i>Where circulated.</i>
Malay, in Roman characters	The entire Bible ..	For the Moluccas, and eastern part of the Archipelago.
Malay, in Arabic characters	Ditto ditto	Malay peninsula; seaports and coasts of Sumatra, Java, and other islands.
Malay, Low	New Testament ..	Batavia, and its neighbourhood.
Javanese, (Old Testament preparing by the Netherlands Society)	Ditto ditto	Island of Java.

PERSIAN. The Old and New Testament, in the days of Chrysostom, were found in the Persic language. Of those ancient versions nothing now remains.

The following versions have been printed and circulated by the British and Foreign Bible Society in the Persian language:—

<i>Versions.</i>	<i>What printed.</i>	<i>Where circulated.</i>
Persic, (H. Martyn)	New Testament....	For the Mohammedans, Parsees, and Persians of India.
Do. (Archdeacon Robinson)	Entire Old Testament	Ditto, ditto.
Do. (Mr. Glen; the prophets translated, but not printed,	Psalms and Proverbs	Persia Proper.
Ditto, (Mirza Ibrahim)....	Isaiah.....	Ditto ditto.
Ditto, (Mirza Jaffier)	Genesis	Ditto ditto.
Pushtoo, or Affghan.....	New Testament, and history books ..	Affghanistan, an eastern province of ancient Persia, west of the Indus.
Belochee, or Buloochee	Three Gospels	Belochistan, south of ditto, on the Arabian sea.

POLISH. The first Polish version of the Scriptures is ascribed to Haddewich, wife of Jagellon, duke of Lithuania, who embraced Christianity, 1390. In 1596,

the protestants published another version founded on Luther's German translation. In 1599, a Polish translation of the Bible was published at Cracow.

The British and Foreign Bible Society have printed the New Testament in Polish, to be circulated in Poland, Posen, Silesia, &c., and the New Testament in Judæo-Polish, for Polish Jews.

RUSSIAN. The Russians have their

Bible in the Slavonic tongue, done from the Greek, by St. Cyril, their apostle, and first printed in 1581. That translation, however, being too obscure, the czar, Peter the Great, ordered another in 1722.

The following are the versions printed by the British and Foreign Bible Society for Russia and its dependencies :—

<i>Versions.</i>	<i>What printed.</i>	<i>Where circulated.</i>
Slavonic, ancient and ecclesiastical language	The entire Bible..	For the purposes of the Russian church.
Russ. modern	New Test., Psalms, and Octateuch ..	Russia generally.
Slavonic, and modern Russ. (in columns)	New Testament....	Ditto ditto.
Dorpat Esthonian.....	New Test. & Psalms	Southern part of Esthonia.
Reval Esthonian	The entire Bible ..	Northern ditto, on gulf of Finland.
Lettish or Livonian	Ditto ditto	Provinces of Livonia & Courland.
Karelian.....	St. Matthew	For a Finnish tribe in government of Tver.
Zirian or Sirenian.....	Ditto ditto	Ditto, in the government of Vologda.
Mordvinian or Morduin ..	New Testament....	For a Finnish tribe on the banks of the Oka and Volga, in the government of Nischenovogorod and Kasan.

SPANISH. The oldest Spanish Bible of which we have any knowledge, was published about 1500. The Jews published one of their own in Gothic charac-

ters in 1553. The court of Spain, in 1796, ordered Spanish Bibles to be printed under the sanction of royal authority.

The following are the versions of the Bible printed, circulated, or promoted by the British and Foreign Bible Society, in the Spanish language :—

<i>Versions.</i>	<i>What printed.</i>	<i>Where circulated.</i>
Spanish, the two versions of Scio and Enzinas	The entire Bible ..	Spain generally, and Spanish colonies.
Catalan; Pentateuch and Psalms not yet printed..	New Testament....	Province of Catalonia and Valencia.
Spanish Basque, or Escuara	Gospel of St. Luke.	Provinces of Biscay, Guipuscoa, and Alava.
Judæo Spanish.....	New Testament....	Spanish Jews in Turkey, &c.
Portuguese; the two versions of Pereira and Almeida.....	The entire Bible ..	Portugal, & Portuguese colonies.

SWEDISH. Olaus and Lawrence published a Swedish translation, done from the German version of Martin Luther, in 1534. In 1617, Gustavus Adolphus ordered some learned men to revise it, since which time it has been almost universally received in Sweden. The British and Foreign Bible Society have printed the entire Bible in Swedish, to be circulated in Sweden; in Lapones,

to be circulated in Russian and Swedish Lapland; in Finnish, to be circulated in Finland.

SYRIAC. There are two versions of the Old Testament extant in this language, one done from the Septuagint about 300 or 350, the other called antiqua et simplex, supposed to be done from the Hebrew about the time of the apostles.

The following versions have been printed, circulated, &c., by the British and Foreign Bible Society:—

<i>Versions.</i>	<i>What printed.</i>	<i>Where circulated.</i>
Syriac.....	The entire Bible ..	For the Syrian church in Travancore, and for those parts of Syria where the Turks have little intercourse with the natives.
Carshum, (Arabic in Syriac characters).....	New Testament....	Mesopotamia Aleppo, and other parts of Syria.
Syriac and Carshum in parallel columns	Ditto ditto	Ditto ditto
Syro Chaldaic; (Syriac in Nestorian characters) ..	Gospels	Mosul, Djezira, Tolamisk, & country west of Kurdistan.

TURKISH. In 1666, a Turkish New Testament was printed in London for dispersion in the east. In 1721, it is said, the Grand Signior ordered an impression of the Bible, that it might be confronted with the Koran.

The following shows the versions printed, and where circulated, by the British and Foreign Bible Society:—

<i>Versions.</i>	<i>What printed.</i>	<i>Where circulated.</i>
Turkish	The entire Bible ..	Turkey in general.
Do. in Greek Characters.	ditto	For Greek Christians using the Turkish language, with Greek characters.
Do. in Armenian character.	New Testament....	For Armenian Christians using the Turkish language, with Armenian characters.
Moldavian, or Wallachian..	The entire Bible ..	Moldavia, Wallachia, and part of Transylvania.
Servian, or Serbian	New Testament....	In Servia and some bordering Austrian states.
Bulgarian	Gospels and Acts ..	Turkish provinces E. & S. of Hungary.

WELSH. The oldest Welsh translation was that in 1563. Another version, generally considered a standard translation, was printed in 1690, called bishop Lloyd's Bible. The British and Foreign Bible Society have printed several editions of the whole Bible amounting to 174,714 Bibles; 247,876 Testaments. Total 422,590.

Besides the above, the Bible has been translated into the following languages, either in whole or in part, under the auspices of the British and Foreign Bible Society

INDIA. In the Sanscrit, or Sungskrit, the entire Bible. Hindoostanee, or Oordoo, (H. Martyn,) New Testament. Ditto, by Mr. Thomason, Bible to 2 Kings. Ditto, Serampore version, the entire Bible.

NORTHERN and CENTRAL INDIA. Bengalee, the entire Bible. Ditto, two versions, (Ellerton and Yeates,) New Testament. Magudha, the New Testament. Orissa, or Oreia, or Uteula, the

entire Bible. Hinduwee, or Hindooee, the entire Bible. Ditto, (called Hindee by Ser. Trans.) both in the Nagree and Kythee characters, the whole Bible.

DIALECTS of the HINDUWEE. Bughelcundee, the New Testament. Bruj or Brij-bhasa, the New Testament. Canoj, or Canyacubja, the New Testament. Kousula, or Koshala, St. Matthew.

DIALECTS of CENTRAL INDIA, or RAJPORT STATES. Harrotee, New Testament. Oojein, or Oujjuyunee, New Testament. Oodeypoor, St. Matthew. Marwar, the New Testament. Juyapoor, St. Matthew. Bikanera, New Testament. Buttaneer, or Virat, New Testament. Sindhee, St. Matthew. Moultan, or Wuch, New Testament. Punjabee, or Sikh, the entire Bible. Dogura, or Jumboo, the New Testament. Cashmerian, the New Testament, Pentateuch, and history books.

GORKHA DIALECTS. Nepalese, Khaspoora, or Parbutti, the New Testament.

Palpa, New Testament. Kamaon, the New Testament. Gurwhal, or Shreenagur, the New Testament.

SOUTHERN INDIA.—Madras Presidency. Telingai, or Teloogoo, New Testament and Pentateuch. Kernata, or Canarese, New Testament. Malayalim, New Testament.—Bombay Presidency. Kunkuna, New Testament and Pentateuch. Mahratta, the entire Bible. Gujerattee, the New Testament. Cutchee, or Catchee, New Testament preparing.

CEYLON. Pali, New Testament. Cingalese, the entire Bible. Indo-Portuguese, Pentateuch, Psalms, and New Testament.

INDO-CHINESE COUNTRIES. Assamese, the entire Bible. Munqioora, New Testament. Khasse, the New Testament. Burmese, the entire Bible. Siamese, or Thay, Testament not printed.

POLYNESIA. Huwaiian, New Testament. Tahitian, the entire Bible. Rarotongia, the New Testament. Marquesan, some portions given, versions preparing. Tonga, ditto. New Zealand, New Testament. Madagasse, the entire Bible.

AFRICA. Ethiopic, New Testament and Psalms. Amharic, New Testament and Psalms, and greater part of the Old Testament. Berber, part of St. Luke. Bullom, St. Matthew. Mandingo, St. Matthew. Namacqua, small portions, and others preparing. Sechuana, ditto. Caffre, Isaiah, Joel, and Luke.

NORTH AMERICA. Esquimaux, New Testament, Genesis, Psalms, and Isaiah. Mohawk, St. John. Chippeway, ditto. Delaware, Epistles of St. John. Creolese, New Testament.

SOUTH AMERICA. Negro-English, New Testament. Aimara, St. Luke. Mexican, St. Luke.

BIBLE. The following is a dissection of the Old and New Testament:—

	<i>In the Old.</i>	<i>In the New.</i>	<i>Total.</i>
Books....	39	27	66
Chapters..	929	260	1,189
Verses....	23,214	7,959	31,173
Words....	592,493	181,253	773,746
Letters ..	2,728,100	838,380	3,566,480

The Apocrypha has 183 chapters, 6,081 verses, and 125,185 words.

The middle chapter, and the least in the Bible, is the 117th Psalm.

The middle verse is the 8th of the 118th Psalm.

The middle line is the 2nd book of the Chronicles, 4th chapter, and 16th verse.

The word *and* occurs in the Old Testament 35,535 times.

The same word in the New Testament occurs 10,684 times.

The word *Jehovah* occurs 6,855 times.

Old Testament. The middle book is Proverbs; the middle chapter is the 29th of Job; the middle verse is the 2nd book of Chronicles, 20th chapter, and the 18th verse; the least verse is the 1st book of Chronicles, 1st chapter, and 1st verse.

New Testament. The middle is the 2nd Thessalonians; the middle chapter is between the 13th and 14th of the Romans; the middle verse is the 17th of the 17th chapter of the Acts; the least verse is the 35th of the 11th chapter of the gospel by St. John.

The 21st verse of the 7th chapter of Ezra, has all the letters of the alphabet in it.

The 19th chapter of the 2nd book of Kings, and the 37th chapter of Isaiah are alike.

The book of Esther has 10 chapters, but neither the words Lord nor God in it.

BIBLE, principal events of, arranged in the order of their dates:

A.C. 4003. The birth of Cain, the first who was born of a woman. Abel was born soon after.

3875. Abel was murdered by Cain, because his sacrifice was more acceptable to God.

3874. Seth born, whose offspring were the children of God, by way of distinction from those of Cain, who were named the children of men.

3017. Enoch, for his piety, was translated to heaven.

2469. The term of 120 years was allowed by God for the repentance of the world, before the deluge. This was communicated to Noah, who was sent to them as a preacher of righteousness.

2349. On the tenth day of the second month, which was on Sunday, Nov. 30, God commanded Noah to enter into the ark with his family, &c., and on Sunday, 7th Dec., it began to rain, and rained 40 days; and the deluge continued 150 days.

2348. The ark rested on mount Ararat, on Wednesday, 6th May; the tops of the mountains became visible on Sunday, 19th July; and on Friday, 18th Dec. Noah came out of the ark, with all that were with him. He built an altar and sacrificed to God for his deliverance.

A. C. 2247. The Tower of Babel was built about this time, by Noah's posterity, in the fall of Shinar, upon which God miraculously confounded their language, and thus dispersed them into different nations.

1996. Abram, the patriarch, born at Ur, in Chaldea, died 1821, aged 175.

1927. Sarah, wife of Abram, born, died 1859, aged 127.

1925. Chedorlaomer, king of Elam, subdued the five kings of Sodom, Gomorrha, Adama, Seboim, and Zoar.

1921. The covenant of God made with Abram, when he left Haran to go into Canaan, on the 15th of Abib, or Wednesday, 4th May, which began the 430 years of sojourning. Abram and Lot went into Egypt on account of the famine, and returned the next year, when they separated, the one for Sodom, and the other to Hebron.

1912. The five kings rebelling against Chedorlaomer, were defeated by him. He plundered Sodom, and carried off Lot captive. Abram pursued, and defeated Chedorlaomer, and rescued Lot. On his return he received the benediction of Melchizedek, king of Salem, the priest of the Most High God.

1910. Ishmael was born to Abram by Hagar; died 1773, aged 137.

1897. The covenant was renewed with Abram, in memorial of which circumcision was instituted, and his name changed to Abraham. The cities of Sodom, &c. were destroyed for their wickedness by fire from heaven. Lot, with his wife and two daughters, left Sodom beforehand, being warned; his wife looking back was turned into a pillar of salt.

1896. Isaac born to Abraham by Sarah, 90 years old; died in 1716, aged 180.

1871. The faith of Abraham was proved in offering to sacrifice his son Isaac, who was then 25 years old.

1836. Esau and Jacob were born to Isaac by Rebecca, after above 19 years' barrenness.

1821. Abraham died, being 175 years old.

1759. Jacob having received his father's blessing, went to Haran to his uncle Laban, and married his two daughters.

1739. Jacob returned into Canaan after a 20 years' servitude under Laban.

1731. Dinah, Jacob's daughter, was ravished by Shechem. He and all his

people were treacherously put to death on the third day after circumcision, by Simeon and Levi.

A. C. 1728. Joseph was sold into Egypt by his brethren.

1715. Joseph interpreted Pharaoh's dreams, and was promoted. The seven years of plenty began.

1708. The seven years of famine began; and the year after, Joseph's ten brethren came into Egypt for corn.

1706. Joseph discovered himself to his brethren, and, at Pharaoh's desire sent for Jacob and his family into Egypt.

1704. All the money in Egypt and Canaan was collected by Joseph into Pharaoh's treasury; and the year following, they sold him their herds and flocks.

1702. The property of all the lands of Egypt was sold to Joseph, who let them out with a perpetual tax of the fifth part of their produce.

1689. Jacob on his death-bed, adopted Manasseh and Ephraim, the two sons of Joseph, and collecting all his children, blessed them, foretelling many things, particularly the coming of the Messiah; he died aged 147, having resided 17 years in Egypt.

1635. Joseph foretold the egress of the Israelites from Egypt, and died, aged 110, having been prefect of Egypt for eighty years. His death concludes the book of Genesis, which contains a period of 2369 years.

1574. Aaron born; and the year after, Pharaoh published an edict for drowning all the male children of the Israelites.

1252. The fourth servitude of the Israelites, under the Midianites, which continued 7 years.

1206. The Israelites being given to idolatry, were delivered by God into the hands of the Philistines and Ammonites. This was their fifth servitude, and continued 18 years.

1188. Jephtha, the seventh Judge of Israel, for six years. He defeated the Ammonites, and rashly made a vow, which deprived him of his daughter. He chastised the insolence of the Ephraimites, having killed 42,000 of them in battle.

1182. Ibzan the eighth judge of Israel, for seven years.

1175. Elon, the ninth judge of Israel, for ten years.

1165. Abdon, the tenth judge of Israel, for eight years.

1157. Eli, the high priest, eleventh judge of Israel, for 40 years.

1156. The sixth servitude of the Israelites, under the Philistines, which continued 40 years.

1096. The Philistines were defeated by Samuel, at Eben-ezer.

1095. The Israelites asked a king which was granted, though with God's displeasure; and Saul was anointed by Samuel, to be their king.

1093. Saul defeated the Philistines. Before this, they did not allow him a smith in all his kingdom. Saul was rejected of God for disobedience, with regard to the Amalekites; and David, when 22 years old was anointed by Samuel to be king after Saul.

1062. David, finding that Saul sought his life, retired into the deserts of Judah.

1056. David retired among the Philistines, who gave him Ziklag, where he was one year and four months.

1055. Saul consulted the witch of Endor, and was totally defeated by the Philistines next day, upon Mount Gilboa.— Three of his sons were slain, upon which he killed himself.

1048. Jerusalem taken by David from the Jebusites, and made the seat of his kingdom.

1034. David was reproved by Nathan for his adultery, &c., and repented.

1023. Absalom rebelled against David, and took Jerusalem, but was defeated and killed by Joab.

1012. Solomon began the building of the Temple, 480 years after the going out of Egypt.

1004. The Temple was solemnly dedicated on Friday, 488 years after the going out of Egypt.

992. Solomon finished the building of his palace, which with that of the Temple employed him twenty years.

975. The division of the kingdom of Judah and Israel. Jeroboam set up two golden calves, one at Dan, and the other at Bethel, to prevent his subjects going to worship at Jerusalem.

971. Shishak, king of Egypt, took Jerusalem, and carried off the treasures of the Temple and of the palace.

941. Zerah, the Ethiopian, with one million men, totally defeated by king Asa, in the valley of Zephathah.

940. Benhadad, king of Syria, attacked Baasha, king of Israel, and took several of his cities.

896. Elijah the prophet was taken up into heaven.

878. Athaliah, queen of Judah, was put to death by order of the priest Jehoiada, surnamed Johanan.

839. The army of Hazael, king of Syria, desolated great part of the kingdom of Judah.

807. Ahab was killed by the Syrians in the battle of Ramoth Gilead, according to the prophecy of Micaiah; upon this the Moabites revolted, having been tributary from the days of king David.

787. Amos prophesied against Jeroboam, second king of Israel.

785. Hosea, the prophet, lived, died in 721.

771. Azariah, king of Judah, presuming to burn incense, was struck with leprosy, which continued till his death.

757. Isaiah the prophet, began to prophesy, and continued it for above 60 years.

731. Habakkuk, the prophet flourished about this time.

721. Samaria taken after three years' siege, and the kingdom of Israel was finished by Shalmaneser, king of Assyria.

717. Tyre was besieged in vain for about five years, by Shalmaneser, king of Assyria.

710. Sennacherib's army destroyed by an angel in one night, to the amount of 185,000 men.

677. Manasseh, king of Judah, was taken prisoner, and carried in chains to Babylon.

641. Amon, king of Judah, was treacherously put to death by his domestic servants.

627. Jeremiah, the prophet wrote; died 577.

626. Zephaniah, the prophet flourished.

608. Josiah, king of Judah, was slain in battle at Megiddo in the spring, by Pharaoh Necho, king of Egypt.

605. The beginning of the captivity.

597. Jehoiachim, king of Judah, was carried away captive by Nebuchadnezzar to Babylon.

587. The city of Jerusalem taken by Nebuchadnezzar after a siege of eighteen months, June 9.

586. The Temple of Jerusalem was burnt on the seventh day in the fifth month.

558. Daniel the prophet lived.

528. Haggai and Zachariah, the prophets, flourished about this time.

458. Ezra was sent from Babylon to Jerusalem with the captive Jews, and the vessels of gold and silver, &c., by Artaxerxes, in the seventh year of his reign, being 70 weeks of years, or 490 years before the crucifixion of our Saviour.

456. Nehemiah, the prophet lived.

436. Malachi, the last of the prophets lived.

430. The history of the Old Testament finished about this time.

BIBLE SOCIETY, BRITISH AND FOREIGN, instituted 1804. First anniversary May 1, 1805, at the new London Tavern, Cheapside. 1811, In India the exertions for rendering the Scriptures into the eastern dialects were unremitting. In this work the late Dr. Carey, Baptist Missionary at Serampore, was the most distinguished labourer. A Bibliotheca Biblica was established at Calcutta, consisting of two departments; a Bible Repository, designed to contain bibles and testaments in all languages, and a Translation Library.

1812. The Rev. Mr. Steinkopff, one of the Secretaries of the society, departed to make a tour through several kingdoms on the continent. The com-

mittee considered it expedient to make him the fully accredited agent of the British and Foreign Bible Society, and to authorize him, wherever he should visit, to hold ample encouragement for the formation of bible societies; they therefore placed the sum of £2000 at Mr. Steinkopff's disposal, and subsequently made such communication as to induce him in the course of his journey, to make grants of money, bibles, and testaments, to the amount of £2712 10s. A bible society was formed in the capital of Russia, under the title first of the St. Petersburg, and afterwards the Russian Bible Society. His imperial majesty Alexander, soon after its public organization desired to be enrolled as one of its members, making a donation of 25,000 rubles, and promising an annual subscription of 10,000 rubles.

The period from the year 1812 to 1816, forms an important era in the history of this society. In 1812 and 1813, among other advances made by the society, the formation of juvenile and female auxiliary societies must be enumerated. These were followed by branch societies, and bible associations. In 1816, auxiliary and branch societies were in

England	306	Isle of Man	1
Wales	43	Guernsey	1
Berwick upon Tweed	1	Jersey	1
Scotland	122		
Ireland	66		
		Total	<u>544</u>

The issues of Bibles and Testaments by the British and Foreign Bible Society to 1816, were as follow:—

	Bibles.	Test.	Total.
Total issued in Great Britain	654,427	828,546	1,482,973
Purchased and issued on the continent of Europe	25,000	50,000	75,000
	<u>679,427</u>	<u>87,8546</u>	<u>1,557,973</u>

Printed and printing on the continent of Europe, by bible societies, aided by donations from the British and Foreign Bible Society. } 114,000 Bibles. 188,600 Test. 302,600 Total.

Editions of the Scriptures printed for the Society, previously to the 31st of March, 1816.		Bibles.	Test.		Bibles.	Test.
English, various editions	563,558	565,097		French	13,000	79,000
Wales	46,242	81,178		Spanish		20,000
Gaelic	22,000	20,000		Portuguese		20,000
Irish		7,500		Italian		11,000
Manks		2,250		Dutch	5,000	15,000
				Danish	500	10,000
				German	8,000	13,000
				Greek, ancient and modern		5,000
				Greek, modern		10,000

	Bibles.	Test.
Arabic	1,439	
Esquimaux the four Gospels.		1,000
Mohawk, St. John's Gospel.		2,000
Ethiopic Psalter	2,100	

1835. At the annual meeting at Exeter-hall, it appeared from the report May 5, that the receipts of this society, for the last year, exceeded those of any preceding year, the total amount collected being £107,926, and that, after paying all expenses, and increasing the number of their establishments, the society had a balance of £23,676. The number of individuals who attended to hear the proceedings was so great, that upwards of six hundred were accommodated in another room, to whom a report of what was passing was conveyed.

1839. At the annual meeting held at Exeter-hall, May 1, it appeared that the receipts of the society during that year had amounted to £105,255 2s. 11d., being £8018 1s. 0d. more than in the preceding year—the free contributions from Auxiliary Societies to £33,246 8s. 9d., showing a progressive increase under this item of receipts—the legacies to £15,788 3s. 0d., of this sum, £10,000 had been received from the executors of the late Geo. Hammond, Esq., who, in addition to the above, had bequeathed to the society one-fourth of the residue of his estate, which, it was expected, would amount to something considerable. The amount received in donations had been £3542 10s. 1d.

BIBLE SOCIETIES connected with the British and Foreign Bible Society in Great Britain in 1838: Auxiliaries, 352; Branches, 327; Associations, 1730: total, 3,409. In the colonies and other dependencies, Auxiliaries, 88; Branches, 77; Associations, 139: total, 304. Connected with the Hibernian Society, Auxiliary and Branch Societies in 1838, in the four provinces, 538.

FOREIGN AGENCIES, connected with the British and Foreign Bible Society, which have the superintendence of Depots of the Holy Scriptures, in 1838. I. In France, at Paris. II. In Germany, at Frankfort. III. In Sweden, at Stockholm. IV. In Norway, at Christiania. Christiansand, Stavanger, Bergen, and Drontheim. V. In Russia, at St. Petersburg. The British and Foreign Bible Society have also depots of Bibles

and Testaments in the following places: viz., Constantinople, Smyrna, Athens, Corfu, Malta, Gibraltar, Sleswick, &c.

FOREIGN SOCIETIES formerly or at present assisted by the British and Foreign Bible Society, with the amount of their issues by themselves and auxiliaries, and the date of the institution.

WESTERN EUROPE. French, Breton, Spanish, Catalonian, Portuguese, German, &c.

	Copies of Scriptures.	
Protestant Bible Society at Paris, instituted.	1818	176,451
French and Foreign Bible Society at Paris,	1833	99,156
Strasburg,	1815	26,662
Issued from the Society's Depot in Paris from April,	1820	1,228,452

NORTHERN EUROPE. Iceland, Swedish, Finnish, Lapponeese, Danish, &c.

Iceland,	1815	10,445
Swedish,	1819	460,434
The Agency at Christiana formed,	1832	13,278
Stavanger	1828	6,643
Finnish,	1812	43,000
Danish,	1814	149,766

WESTERN EUROPE. Netherlands, 182,557

Belgian and Foreign Bi- ble Society, at Brus- sels	1834	7,623
The Agency at Brussels, appointed,	1835	45,100
Antwerp,	1834	220
Ghent	1834	7,131
Sleswig-Holtein,	1815	80,488
Eutin	1817	4,147
Lubeck	1814	9,097
Hamburgh,	1814	69,169
Bremen,	1815	15,975
Lanenburgh-Ratzeburgh,	1816	9,767
Rostock	1816	8,692
Hanover,	1814	80,330
Lippe-Detmold	1816	3,569
Waldeck,	1817	2,800
Hesse-Cassel,	1818	22,981
Hanau	1818	3,316
Marburgh,	1825	6,110
Frankfort	1816	73,565
The Agency at Frankfort	1830	373,561
Hesse-Darmstadt	1817	31,484
Duchy of Baden,	1720	18,585
Wurtemberg	1812	347,948
Bavarian Protestant Insti- tution at Nuremburg	1821	69,574
Saxon,	1814	171,469

		Copies of Script.	Purchased and issued previous	
			to 1829	
Anhalt-Koethen.....	1818		1,114,287	
Weimer	1821	3,773	1829 .. 1830.....	434,422
Eisenach.....	1818	4,938	1830 .. 1831.....	470,929
Brunswick.....	1815	700	1831 .. 1832.....	583,888
Prussian.....	1805	900,304	1832 .. 1833.....	536,841
Issued to the Prussian			1833 .. 1834.....	393,900
Troops since	1830	124,314	1834 .. 1835.....	653,604
SWITZERLAND and ITALY.			1835 .. 1836.....	558,842
German,			1836 .. 1837.....	541,843
French, Italian, and Romanese.			1837 .. 1838.....	594,398
Basle.....	1804	194,078	1838 .. 1839.....	658,068
Schaffhausen.....	1813	7,193		
Zurich	1812	14,656		
St. Gall	1813	34,008	Total.....	11,546,111
Aargovian.....	1815	13,102		
Berne.....		40,841		
Neufchatel.....	1816	6,430		
Lansanne.....	1814	32,000		
Geneva	1814	36,651		
Glarus	1819	5,000		
Coire or Chur	1813	12,267		
Waldenses.....	1816	4,238		
GREECE and TURKEY.				
Ionian.....	1819	7,377		
RUSSIA. Russian....	1826	861,105		
St. Petersburg.....	1826	45,543		
INDIA. Calcutta....	1811	240,033		
Madras.....	1820	240,708		
Serampore Missionaries.		200,000		
Columbo ..,.....	1812	36,114		
Bombay.....	1813	91,011		
AMERICA. American Na-				
tional		2,353,298		
Philadelphia.....		233,029		
Total of Copies of Scripture..		7,972,275		

Issues of Copies of the Scriptures

from 1805 to 1808.....	81,157
.... 1808 .. 1809.....	77,272
.... 1809 .. 1810.....	64,468
.... 1810 .. 1811.....	102,618
.... 1811 .. 1812.....	106,423
.... 1812 .. 1814.....	352,569
.... 1814 .. 1815.....	249,932
.... 1815 .. 1816.....	248,236
.... 1816 .. 1817.....	193,021
.... 1817 .. 1818.....	194,101
.... 1818 .. 1819.....	260,031
.... 1819 .. 1820.....	256,883
.... 1820 .. 1821.....	246,957
.... 1821 .. 1822.....	255,739
.... 1822 .. 1823.....	259,850
.... 1823 .. 1824.....	290,495
.... 1824 .. 1825.....	280,655
.... 1825 .. 1826.....	286,402
.... 1826 .. 1827.....	294,006
.... 1827 .. 1828.....	336,270
.... 1828 .. 1829.....	365,424

Expenditure of the British and Foreign Bible Society.

	£.	s.	d.
1805.....	619	10	2
1806.....	1,637	17	5
1807.....	5,063	18	3
1808.....	12,206	10	3
1809.....	14,565	10	7
1810.....	18,543	17	1
1811.....	28,302	13	7
1812.....	32,419	19	7
1813.....	69,496	13	8
1814.....	84,652	1	5
1815.....	81,021	12	5
1816.....	103,680	18	8
1817.....	89,230	9	9
1818.....	71,099	1	7
1819.....	92,237	1	4
1820.....	123,547	12	3
1821.....	79,560	13	6
1822.....	90,445	6	4
1823.....	77,076	0	10
1824.....	89,493	17	8
1825.....	94,044	3	5
1826.....	96,014	13	7
1827.....	69,962	12	3
1828.....	86,242	9	8
1829.....	104,132	6	11
1830.....	81,610	13	6
1831.....	83,002	10	9
1832.....	98,409	10	9
1833.....	88,676	1	10
1834.....	70,404	16	7
1835.....	84,249	13	4
1836.....	107,483	19	7
1837.....	103,171	5	2
1838.....	91,179	14	11
1839.....	106,509	6	4
Total expenditure	£2,529,985	4	11

BIBLE SOCIETY, Naval and Military, instituted 1780.
BICKERTON, ADMIRAL, Sir R. H., a gallant officer, trained under Duncan, born 1760, died 1832.

BIDASSOA RIVER, crossed by the allied Spanish army, and Lord Wellington entered France, Oct, 7, 1813.

BIDDENDEN CAKES, so called from a small town of that name, famous for giving a 1000 cakes to the parishioners on Easter Sunday, impressed with the figure of two females joined together.

BIDDLES, JOHN, the miser; he congratulated himself that sixpence per day was sufficient for his support; he was worth a million sterling; died November 4, 1833.

BIDL O O, GREGORY, celebrated Dutch anatomist, born at Amsterdam 1649, made professor of anatomy at Leyden 1694, died 1702.

BIGAMY, STATUTE, first passed in 1276.

BIGGLESWADE nearly destroyed by fire June 16, 1785.

BIGLAND, JOHN, author of letters on history, born in 1750. He was a native of Skirlough, in Holderness, and the greater portion of his life was spent in the humble occupation of a village schoolmaster. When upwards of fifty years of age, he began to write for the public. In 1803, he published his first work, "Reflections on the Resurrection and Ascension of Christ," and in 1805, "Letters on the Study and Use of Ancient and Modern History;" and "Letters on the Modern History and Political Aspect of Europe." From that time he became an author by profession, and his works are very numerous. His subsequent productions are: Essays on various subjects, two vols. 1805; Letters on Natural History, 1806; a System of Geography and History, five vols., 1809; History of Spain, two vols., 1810; History of Europe, from the peace of 1783, to the present time, two vols., 1811, (in the later edition continued to 1814); the Philosophic Wanderers, or the History of the Tribune of the Priestess of Minerva, 1811; Yorkshire, being the 16th volume of the Beauties of England and Wales, 1812; the History of England; Letters on Natural History, from the earliest period to the close of 1812, two vols., 1813, (subsequently continued to 1814); a System of Geography for the use of Schools, 1816; an historical display of the effects of Physical and Moral Causes on the Character and Circumstances of Nations, 1817; Letters on French History, 1818; also Letters on English History, and a History of the Jews. He died Feb. 22, 1832.

BILBOA, built by Diego Lopez de Haro, 1300, taken and re-taken by the French, English, and Spaniards, 1808, 1809, and finally evacuated by the French, August 11, 1812. Relieved from the siege by the Carlists, Dec. 24, 1836.

BILL OF RIGHTS, delivered by the Lords and Commons to the Prince and Princess of Orange, Feb. 13, 1688; passed (1 Will. & Mary, stat. 2, c. 2,) in 1689.

BILLING, GREAT, Northamptonshire, steeple at, destroyed by lightning, April, 11, 1759.

BILLING, LITTLE, Priory, Northamptonshire, built 1076.

BILLINGSGATE, London, supposed to be built 370.

BILLS OF EXCHANGE, first mentioned, 1160; used in England, 1307; the only mode of sending money from England by law, 1381; regulated, 1698, 1735; made felony to counterfeit, 1734; taxed, 1783; tax reduced, 1797, 1804, 1814; punishment of death for forgery of, exchanged for transportation, 1832.

1838. 2 and 3 Victoria c. 37, enacts that bills of exchange and contracts for loans or forbearance of money above £10, and not having more than twelve months to run, shall not be affected by the usury laws.

BILLS OF MORTALITY. These registers took their origin from the great plague of 1593; but the continued weekly bills did not begin till 1603, when another great plague, more tremendous than the former, desolated London. See **PLAGUE**. Originally, the bills of mortality comprehended 109 parishes; but in 1660, they were extended to 146; and that number is now divided into 97 parishes within the walls, 17 without the walls, 29 out-parishes in Middlesex and Surrey, and 10 parishes in the city and liberties of Westminster. The great extension which London has received since the institution of the method of ascertaining the births and deaths, the duration of life, and the apparent causes of its termination, have, however, rendered the bills of mortality very imperfect; at best they can be considered only as approximations to the truth. For instance, the large parishes of Saint Marylebone and St. Pancras, are not comprised in them; neither are the accounts of the births and deaths amongst the dissenters. The classification of the diseases which occasion the deaths is also very incorrect, being founded entirely on the returns of

the sworn searchers, who are a set of ignorant women.

The general bill of all the christenings and burials within the bills of mortality, from December 15, 1807, to December 13, 1808.

Christened, males, 10,189; females, 9,717; total, 19,906. Buried, males, 10,228; females, 9,726: total, 19,954.

From December 12, 1815, to December 10, 1816; christened, males, 12,132; females 11,448: total, 23,581. Buried, males, 10,105; females, 10,211: total, 20,316.

From December 11, 1821, to December, 10, 1822; christened, males, 11,968; females, 11,405: total, 23,373. Buried, males, 9,483; females, 9,382: total, 18,865.

From December 10, 1822, to December 17, 1823; christened in the 97 parishes within the walls, 1059. Buried, 1162.

Christened in the 17 parishes without the walls, 5443. Buried, 3990.

Christened in the 23 out-parishes in Middlesex and Surrey, 17,092. Buried, 10,727.

Christened in the 10 parishes in the city and liberties of Westminster, 4,095. Buried, 4,708.

Diseases this year, 20,279.

Casualties:—bitten by a mad dog, 1; broken limbs, 1; burnt, 39; drowned, 118; excessive drinking, 6; executed, 14; found dead, 12; fractured, 1; killed by falls and several other accidents, 61; killed by fighting, 2; murdered, 2; overlaid, 1; poisoned, 6; scalded, 9; smothered, 3; starved, 1; suffocated, 7; suicide, 24: total of casualties, 303.

Christened, males, 13,945; females, 13,734: total, 27,679. Buried, males,

10,455; females, 10,132: total, 20,587. Whereof have died—under two years of age, 5,905; between two and five, 1937; five and ten, 757; ten and twenty, 757; twenty and thirty, 1,375; thirty and forty, 1,764; forty and fifty, 1,902; fifty and sixty, 1,932; sixty and seventy, 1,874; seventy and eighty, 1,592; eighty and ninety, 680; ninety and a hundred, 105; a hundred, 4; a hundred and two, 1, hundred and seven, 1; and a hundred and nine, 1.

Number of christenings and burials within the city of London and bills of mortality, for 1833.

In the 97 parishes within the walls; christened, 835; buried, 1336. In the 17 parishes without the walls; christened, 4556; buried, 4753. In the 24 out-parishes in Middlesex, Surrey, including the district churches; christened, 17,740; buried, 16,172. In the ten parishes in the city and liberties of Westminster; christened, 3,959; buried, 4,316. Total number of males christened, 13,553; females, 13,537: in all, 27,090. Total number buried, males, 13,319; females, 13,258: in all, 26,577.

Stillborn, 934; under two years of age, 6,261; two and under five years, 2,805; five and under ten, 1,145; ten and under twenty, 970; twenty and under thirty, 1,700; thirty and under forty, 2,225; forty and under fifty, 2,615; fifty and under sixty, 2,412; sixty and under seventy, 2,551; seventy and under eighty, 2,043; eighty and under ninety, 802; ninety and under a hundred, 107; one hundred, 3; one hundred and one, 1; one hundred and two, 1; one hundred and three, 1; and one hundred and four, 1.

Christenings and burials within the city of London and bills of mortality, from December 1836, to December, 1838.

	Ending 1837.		Ending 1838.	
	<i>Chr.</i>	<i>Bur.</i>	<i>Chr.</i>	<i>Bur.</i>
In the 97 parishes within the Walls.....	958	958	794	815
In the 17 parishes without the Wall.....	6,363	3,863	4,119	3,558
In the 24 out-parishes in Middlesex and Surrey (the district churches belonging thereto being included).....	25,948	13,883	13,303	11,884
In the 10 parishes of the city and liberties of Westminster.....	2,437	2,359	1,617	2,009
Totals.....	35,706	21,063	19,833	18,266

The bill for 1837 is said to be more imperfect than usual, both in the enumerating of christenings and deaths, and as a table of medical statistics; and the following explanation is given to account for this fact:—"By the operation of the new Registration Act, much difficulty has occurred in obtaining reports of the christenings and burials; in consequence of which, in some parishes, the reports have been wholly withheld; and in those of several other parishes, wherein the office of searcher has been discontinued, the diseases of which deaths have taken place, have been necessarily omitted. The annual bill of mortality is now superseded by the new registration act, which came into operation July 1, 1837. See REGISTRATION.

BILSTON, Staffordshire, waggon from, with coals, drawn by distressed colliers, was stopped on Maidenhead thicket, by the magistrates, and a compensation having been made to the persons drawing it, for the coals, they proceeded with it quietly on their way home July 6, 1816. Another waggon was stopped at St. Albans, and quietly returned, having been similarly treated.

BINDON ABBEY, Dorsetshire, built 1172.

BINGHAM PRIORY, Norfolk, built 1206.

BINGHAM, MAJOR GEN. SIR GEO. had charge of Napoleon, from England to St. Helena, born 1777, died 1833.

BINGHAM'S, SIR JOHN, Castle in Ireland burnt, damage estimated at £50,000, Nov. 11, 1755.

BION, BORYSTHENITES, the philosopher, 290.

BIRCH, DR. THOMAS, historical and biographical writer, born 1705; took orders 1732; admitted into the royal society and society of antiquaries, 1735; died Jan. 19, 1766. His chief work was the "General Dictionary, Historical and Critical," comprehending a new translation of Bayle's, with several thousand new lives.

BIRCH, Mr., and his servant, murdered at Greenwich, Feb. 12, 1818.

BIRKENHEAD PRIORY, Cheshire, built 1189.

BIRMAN EMPIRE. See **BURMAN EMPIRE**.

BIRMINGHAM obtained a charter to hold markets and fairs, from Henry II. and III., and in the reign of Charles II., became an asylum for nonconformist

ministers; riots at in 1791, at which several houses and meetings were destroyed, on account of some persons commemorating the French revolution there. Theatre burnt down, Aug. 16, 1792. Free Chapel began by subscription, 1803. Church of St. Peter's destroyed by fire, Jan. 24, 1831. Erected into a borough, 1832.

1833. Town-hall completed; the saloon or hall is 140 feet in length, 65 feet wide, clear of the walls, and 65 feet high. It was completed in eighteen months, at the cost of £18,000.

1834. Musical Festival, at which £13,400 were collected, and the proceeds applied to the use of the Birmingham Hospital, Oct. 7.

BIRNIE, SIR R., many years chief magistrate of police in London, died April, 1832, aged 72 years.

BIRON, Duke of, executed in the Bastille, Paris, 1602.

BISHAM Abbey, Berks, built, 1338.

BISHOPS, their translation first instituted, 234; first in England, 694; first in Denmark, 939; made barons, 1072; precedency settled, 1075; banished England 1208; consented to be tributary to Rome, 1245; deprived of the privilege of sitting as judges in capital offences, 1388; the first that suffered death in England by the sentence of the civil power, 1405; six new ones instituted, 1530; elected by the king's *conge d'elire*, 1535; held their sees during pleasure, 1547; form of consecration ordained, 1549.

Those who held their sees for life obliged to hold them during good behaviour 1552; seven deprived for being married, 1554; several burnt for not changing their religion, 1558; fifteen consecrated at Lambeth, 1559; expelled Scotland, 1589.

Twelve impeached, and committed for protesting against any law passed in the house of lords, during the time the populace prevented their attending parliament, 1641; their whole order abolished by parliament, Oct. 9, 1646; nine restored, and eight new ones consecrated October 25, 1660; regained their seats in the house of peers, November 30, 1661.

Seven committed to the Tower, for not ordering the king's declaration for liberty of conscience to be read throughout their diocese, 1688; six suspended for not taking the oaths to king William,

1689; deprived of their bishoprics, 1690.

BISHOPRICS of England and Wales, according to the antiquity of their institution.

London, an archbishopric and metropolitan of England, founded by Lucius, the first Christian king of Britain, 185; Landaff, 185; Bangor, 516; St. David's (the archbishopric of Wales from 500 till 1,100, when the bishop submitted to the archbishop of Canterbury as his metropolitan), 519; St. Asaph's, 547.

St. Augustin, or Austin, made Canterbury the metropolitan archbishopric, by order of Pope Gregory, 596; Wells, 604; Rochester, 604; Winchester, 650; Litchfield and Coventry, 656; Worcester, 679.

Hereford, 680; Durham, 690; Sodor and Man (with jurisdiction of the Hebrides in Scotland), 838; Exeter, 1050; Sherborne (changed to Salisbury), 1056.

York, archbishopric, 1067; Dorchester (changed to Lincoln), 1070; Chichester, 1071; Thetford (changed to Norwich), 1088; Bath and Wells, *ib.*; Ely, 1109; Carlisle, 1133.

The following six are founded upon the suppression of the monasteries by Henry VIII., 1538:—Chester, Peterborough, Gloucester, Oxford, Bristol, Westminster. Westminster was united to London, 1550.

Estimated revenues attached to the several bishoprics of Great Britain and Ireland per annum. The real amount is far higher.

England.—Canterbury, 8,000*l.*; York, 7,000*l.*; London, 6,200*l.*; Durham, 8,700*l.*; Winchester, 7,400*l.*; Ely, 4,000*l.*; Worcester, 3,400*l.*; Salisbury, 3,500*l.*; Norwich, 5,000*l.*; Lincoln, 3,200*l.*; Hereford, 3,000*l.*; Chichester, 2,200*l.*; Bath and Wells, 2,400*l.*; St. Asaph's, 1,500*l.*; Carlisle, 1,800*l.*; Llandaff, 1,600*l.*; Peterborough, 1,700*l.*; Gloucester, 2,200*l.*; Rochester, 2,400*l.*; Litchfield and Coventry, 2,900*l.*; Bangor, 1,200*l.*; Chester, 2,700*l.*; Oxford, 2,800*l.*; Exeter, 2,700*l.*; St. David's, 400*l.*; Bristol, 1,500*l.*

Ireland.—Armagh, 8,000*l.*; Dublin, 5,000*l.*; Tuam, 4,000*l.*; Cashel, 4,000*l.*; Derry, 7,000*l.*; Clonfert, 2,400*l.*; Clogher, 4,000*l.*; Kilmore, 2,600*l.*; Elphin, 3,700*l.*; Killala, 2,900*l.*; Limerick, 3,500*l.*; Cork, 2,700*l.*; Cloyne, 2,500*l.*

Down, 2,300*l.*; Dromore, 2,000*l.*; Leigh and Ferns, 2,200*l.*; Kildare, 2,600*l.*; Raphoe, 2,600*l.*; Meath, 3,200*l.*; Killa-loe, 2,300*l.*; Ossory, 2,000*l.*; Waterford, 2,600*l.*

Irish sees reduced from 22 in number to 12, in 1833.

BISHOPRICS, COLONIAL. Bishop of Nova Scotia first appointed Aug. 11, 1787; of Jamaica, 1824; of Barbadoes and Leeward Islands, 1824; of Quebec, 1825; of Calcutta, 1833; of Madras, 1834; of Bombay, 1834; of Montreal, 1836; of Australia, 1836.

BISHOPRICS in Germany, first founded by Charlemagne, A.D. 800.

BISHOP and **WILLIAMS** executed for "burking" the Italian boy, Dec. 5, 1831.

BISHOP'S AUCKLAND palace rebuilt, 1665.

BISHOPSGATE, London, pulled down, and sold, 1761.

BISSET, ROBERT, LL.D., author of "Burke's Life and History of George III.," died May 3, 1805, aged 46.

BISSEXTILE, or Leap Year, a year consisting of 366 days, happening once every four years, by the addition of a day in the month of February. Cæsar having appointed it to be introduced by reckoning the 24th of February twice; and as this day, in the old account, was the same as the sixth of the kalends of March, which had been long celebrated among the Romans on account of the expulsion of Tarquin, it was called "bis sextas kalendas Martii;" and from hence we have derived the name Bissextile. By the statute de anno bissextile, 21 Henry III. to prevent misunderstandings, the intercalary day, and that next before it, are to be accounted as one day. The astronomers concerned in reforming the calendar, by order of Pope Gregory XIII., in 1582, observing that the bissextile in four years added forty-four minutes more than the sun spent in returning to the same point of the zodiac, and computing that these supernumerary minutes, in 133 years, would form a day, to prevent any changes being thus insensibly introduced into the seasons, directed that, in the course of 400 years there should be three bissextiles retrenched; so that every centesimal year, which according to the Julian account, is Bissextile, or Leap Year, is a common year in the Gregorian account, unless the

number of centuries can be divided by 4, without a remainder. Thus, 1600 and 2000 are bissextile; but 1700, 1800, and 1900 are common. The Gregorian computation was received in most foreign countries ever since the reforming of the calendar; and, by an act of parliament, passed in 1751, it commenced in all the dominions under the crown of Great Britain.

BITHYNIA, kingdom of, begun by Dædalus, A.C. 383; bequeathed to the Romans, A.C. 75, by Nicomedes IV.; plundered by the Goths about A.D. 253; afterwards taken by the Turks, and now forms one of the districts of Anatolia.

BLACK, DR. JOSEPH, distinguished for his discoveries in chemistry, born at Bourdeaux, in France, in 1728. He went to the University of Glasgow in 1746, directed his views to medicine, and became a pupil of Dr. Cullen. In 1756, having taken his degree of doctor, he succeeded Dr. Cullen as professor in medicine, and lecturer in chemistry. Here he made his grand discovery relating to fixed air, which was the subject of his inaugural dissertation. The essay containing the account of his experiments was published in 1756; next year he further enriched his favourite science with his experiments on latent heat. In 1765 he succeeded Dr. Cullen as professor of chemistry at Edinburgh. He died Nov. 26, 1799, aged 71 years.

BLACK ACT passed, 1723.

BLACK ASSIZE, the Assize held at Oxford Aug. 15, 1577, so called, from the lieutenant of the county, two knights, eight esquires, the justices of the peace, and almost all the gentlemen of the grand jury dying soon after their return into the country, of a disorder occasioned by inhaling the noxious effluvia of the town gaol.

BLACK BOOK, was a book kept by the English monasteries in which a detail of the scandalous enormities practised in religious houses were entered for the inspection of visitors, under Henry VIII., in order to blacken them, and hasten their dissolution. Hence the vulgar phrase, "I'll set you down in my Black Book."

BLACK EAGLE, order of knighthood, in Prussia, instituted 1701.

BLACK HOLE, at Calcutta. See **CALCUTTA**.

BLACK PRINCE, son of Edward III., of England, obtained a great victory

over the French at Poitiers, Sep. 29, 1356, where John, the French king, and his son Philip, were taken prisoners. He made his triumphal entry into London, 1357, with king John, his prisoner, and was met by the lord mayor and aldermen in all their formalities June 8, 1376. Edward, the Black Prince, died in the 46th year of his age, and was buried at Canterbury.

BLACK RENT established in Ireland, 1412.

BLACK SEA. In the times of queen Elizabeth and of Charles II., British merchants were permitted to navigate the Euxine throughout its whole extent, for the purpose of commerce; yet history does not afford a single instance of a ship of war, antecedent to a short excursion made by his Majesty's ship, *Blonde*, in November, 1829, having been permitted to navigate the Euxine.

BLACKBURN, church at, destroyed by accidental fire, Jan. 6, 1831.

BLACKBURN, England, erected into a borough, 1832.

BLACKBURN, archdeacon, born 1705, died 1787.

BLACKFRIARS' BRIDGE, building voted for in common council, 1755; bill passed, May 17, 1756, and the first stone laid, Oct. 3, 1760; passable, 1766; finished, 1770; cost 150,840*l.* Toll houses built, June, 1773; burnt by the rioters, and re-entered, June 7, 1780; toll taken off June 24, 1785; Sunday toll took place, June 24, 1786; bridge paved, 1792; repaired, 1839. See **BRIDGE**.

BLACKLOCK, THOMAS, the blind poet, born 1721, died 1791.

BLACKMORE, SIR RICHARD, physician and poet, author of the "Creation," born 1650, received the honour of knighthood from king William III., 1697, died, 1729.

BLACKSMITHS' COMPANY, London, incorporated, 1577.

BLACKSTONE, SIR WILLIAM, born July, 1723. He was put to school at Charter House, 1735; entered a commoner at Pembroke College, Oxford, 1738; entered in the Middle Temple, 1741; elected into the society of All Souls College, Oxford, 1743; commenced bachelor of civil law, 1745; called to the bar, 1746; elected recorder of the borough of Wallingford, Berkshire, 1749; commenced doctor of civil law, 1750.

He read lectures on the laws of England at Oxford, which were attended by a very crowded class of young men of the first families, characters, and hopes, 1753; published his *Analysis of the Laws of England*, 1754; was appointed one of the delegates of the Clarendon press, 1755; elected Vinerian professor of common law, in the University of Oxford, 1758.

He was elected member of the House of Commons for Hindon, in Wiltshire, and appointed principal of New Inn Hall, 1761; published in 4to. the first volume of his *Commentaries on the Laws of England*, 1765; and in the course of the four succeeding years, the other three volumes: returned a member for Westbury in Wiltshire, 1768; accepted the office of judge of Common Pleas, 1770. He died Feb. 14, 1780, aged 56.

BLACKWELL HALL, first appointed repository for woollen cloths, 1515.

BLACKWOOD, ADMIRAL SIR H., a gallant friend of Nelson, born Dec. 28, 1770, died Dec. 13, 1833.

BLAIR, DR. HUGH, an eminent Scottish divine, born at Edinburgh, April 7, 1718; ordained to the ministerial office, 1742. In 1757, the University of St. Andrews conferred on him the degree of doctor of divinity; and, in 1758, he was promoted to the High Church of Edinburgh, the most important ecclesiastical charge in the kingdom; in 1759, the university instituted a rhetorical class under his direction; and, in 1762, his majesty was graciously pleased to erect and endow a professorship of rhetoric and belles lettres in the University of Edinburgh, and to appoint Dr. Blair regius professor thereof. His lectures were published in 1783; by a royal mandate in 1780, a pension of £200 a year was conferred on him. He expired Dec. 27, 1800.

BLAIR, REV. ROBERT, the author of "The Grave," the best specimen of blank verse in the English language, except Milton's Poems, born 1699, died 1746.

BLAIR, DR. JOHN, author of the "Chronology and History of the World," died 1782,

BLAKE, ROBERT, a celebrated English Admiral, born Aug. 1589; he was elected member for Bridgewater, in 1640; In 1643, engaged in the service of parliament and was entrusted with a little fort,

which he held out against Prince Rupert. In 1644, he was appointed governor of Taunton, which he found means to keep, though not properly furnished with supplies. In 1648-9 he was appointed, in conjunction with Colonel Deane and Colonel Popham, to command the fleet; and soon after blocked up Prince Maurice and Prince Rupert, in Kinsale Harbour; and, in 1652, was promoted to the rank of sole admiral for nine months.

1652. When Van Tromp appeared on the Downs, with a fleet of 45 men of war, Blake, who had then but 20 ships engaged him and obtained the mastery. In November, he received a check from Tromp, who however bought this victory dear, for in February, 1653, Blake gained a signal victory over the Dutch, who continued retreating towards Boulogne.

1654. He humbled Algiers and Tunis, bore into the Bay of Porto Ferino with his great ships and their seconds, assaulted the pirates, and burnt all their ships, with the loss of 25 men killed, and 48 wounded. April, 1667, destroyed or took the Spanish fleet in the Bay of Santa Cruz. On his return to England, as he came within sight of land he expired, Aug. 17, 1657, aged 59.

BLAKE, JOHN BRADLEY, botanist, born 1745, died 1773.

BLANC, MONT, a stupendous mountain in Savoy, the highest in Europe, and probably of the ancient world. According to the calculations of M. de Luc, it is 15,304 English feet; or, according to the measurement of Sir George Shuckburgh, 15,662 feet above the sea. It is impossible to form any adequate idea of the difficulty and danger attending its ascent.

During the last half century, not more than twelve persons, exclusive of the guides, have ever reached the summit, as appears by the following list, extracted from the *New Monthly Magazine* for March, 1827; 1. Dr. Paccard, and James Balme, a guide, Aug. 8, 1786; 2. M. Saussure, Aug. 3, 1787; 3. Colonel Beaufoy, English, Aug. 9, 1787; 4. Mr. Woodley, English, Aug. 5, 1788; 5. Baron Dootiesan, Courland, and M. Forneret, Lausanne, Aug. 10, 1802; 6. M. Roday, Hamburgh, Sept. 10, 1812; 7. Count Mateyeski, Aug. 4, 1818; 8. Dr. Renselaen, and Mr. Howard, Americans,

July 12, 1819; 9. Captain Undrell, R.N. English, Aug. 13, 1819; 10. Mr. Clis-sold, English, Aug. 20, 1822; 11. Mr. Jackson, English, Sept. 4, 1823; 12. Captain M. Sherwill, Aug. 26, 1825.

BLANCO, CAPE, on the coast of Africa, discovered, 1441.

BLANDFORD, assizes at, the judges, sheriff, and others, died of the jail dis-temper, 1730; burnt June 4, 1731, when 300 houses were destroyed; and again in 1775.

BLANDY, Miss, hanged at Oxford, April 6, 1752, for poisoning her father.

BLANKETS, first made in England, 1340.

BLANTYRE, LORD, killed by an ac-cidental shot during the insurrection of the Belgians, in Sept. 1830.

BLANTYRE, PRIORY, Scotland, built 1296.

BLAZE, ST. order of knighthood at Acon, began, 1250.

BLENHEIM, a village near Hock-stet, Bavaria, remarkable for the defeat of the French and Bavarians, Aug. 5, 1704, by the English and their confederates. The French army, which amounted to 60,000, was commanded by Marshal Tallard and the duke of Bavaria. The allied army, commanded by Prince Eu-gene, and the duke of Marlborough, amounted to about 52,000 men. Count Tallard himself was among the nume-rous prisoners of rank; 10,000 men, ex-clusive of 1,200 officers, and 3,000 de-serters, was the lowest amount of the captives, and the total loss, including the killed and wounded, was not less than 40,000 men. There were found in the enemy's camp 100 pieces of brass cannon, with other warlike stores, and baggage in proportion. The loss of the allies amounted to 4485 killed, 7525 wounded, and 273 prisoners. On the next day, when the duke of Marlborough visited his prisoner, Marshal Tallard, the latter assured him that he had beaten the best troops in the world. "I hope, Sir," replied the duke, "you will except those troops by whom they were conquered." In consequence of this victory, the allies became masters of a country 100 leagues in extent.

BLIBURGH PRIORY, Suffolk, 1110.

BLIGH, CAPTAIN, and nineteen of his men, having been compelled by the mutinous crew of the *Bounty*, to go into an open boat near Anamooka, one of the Friendly Isles, arrived at the Island of

Timor, after a perilous voyage of 1,200 leagues, 1789.

BLIND first began to be instructed about 1728.

BLIND, SCHOOL FOR THE INDIGENT, instituted, 1799. The new building in St. George's Fields commenced, April, 1834.

BLISTER PLASTERS, invented A.C. 60.

BLISWORTH, near Northampton, fifty dwellings, with their offices, de-stroyed by fire, May 28, 1798.

BLOCK MACHINERY, for ships, at Portsmouth, suggested to government by Mr. Brunel, in 1802; forty-four machines set to work in 1804, at the dock-yard at Portsmouth, seven of which were em-ployed as sawing machines for general purposes, and the remaining thirty-seven for blocks and sheaves only; alto-gether forming a most complete and perfect system of manufacture by machinery.

BLOCKS, or masses of artificial stone, made by mingling together river or sea sand, skreened shingle, powdered caustic lime, siliceous, or other hard substances and boiling water together, 1833.

BLOIS, PETER OF, an eminent writer of the twelfth century, was born about the year 1120, at Blois, in France, whence he derived his name. Being appointed preceptor to William II., king of Sicily, 1167, he obtained the custody of the privy seal, and, next to the archbishop of Palermo, the prime minister, he had the greatest influence in all affairs. In 1168 he left the court of Sicily, and returned into France. From France he was in-vented into England by Henry II., who employed him as his private secretary, made him archdeacon of Bath, and gave him some other benefices. He retired into the family of Richard, archbishop of Canterbury, who made him his chancel-lor, about 1176. After the death of this prelate, in 1183, he acted as secretary and chancellor to archbishop Baldwin, his successor, and was deputed by him on an embassy to Rome, 1187, in order to plead his cause before pope Urban III. in the famous controversy between him and the monks of Canterbury. When Baldwin departed into the Holy Land, 1190, Blois was involved in various trou-bles in his old age, the causes of which are not distinctly known. He died about the end of the twelfth century.

BLOOD OF CHRIST, order began in Mantua, 1608.

BLOOD, COLONEL, siezed the duke

of Ormond, with an intent to hang him at Tyburn, but was prevented, Dec. 6, 1670; attempted to steal the crown, May 9, 1671; died Aug. 24, 1680.

BLOOD, SHOWER OF, fell about the beginning of the year 1608, near the suburbs of the Aix, and for many miles around.

BLOOD, CIRCULATION OF, through the lungs, first made public by Michael Servetus, a French physician, in 1553. Cisalpinus published an account of the general circulation, of which he had some confused ideas, and improved it afterwards by experiments, 1559; but it was illustrated by experiments by Hervey, 1619, and fully confirmed by that eminent physician, 1628.

BLOOMFIELD, ROBERT, author of "The Farmer's Boy," &c., born 1766, died 1823.

BLOUNT, CHARLES, a miscellaneous writer, born 1654, died 1693.

BLOUNT, SIR THOMAS POPE, author of several learned works, born 1649, created a baronet by Charles II., 1679, died 1697.

BLUCHER, MARSHAL PRINCE, born 1742, visited England, 1814; died 1819.

BLUE, PRUSSIAN, discovered at Berlin, 1704.

BOADICEA, queen of the Britons, having been insulted by the Romans under Nero, incited the Britons to revenge her wrongs and assembled 250,000 men, attacked the Romans in London, Camelodunum, Verulum, and other places, and destroyed upwards of 70,000 Romans, without regard to age or sex. But Suetonius Paulinus, the Roman general, returning from the conquest of Mona (Anglesea), engaged the Britons commanded by Boadicea, and totally defeated them, killing 80,000. Boadicea, to avoid being taken prisoner, poisoned herself, A.D. 61.

BOADICEA BRIG, stranded near Kinsale, Ireland, when 200 of the 92d regiment perished, Jan. 31, 1816.

BOARD WAGES first commenced with the king's servants, 1629.

BOATS, flat bottomed, invented in the reign of William the Conqueror, who used them in the Isle of Ely.

Life Boats.—M. Berniers, director of the bridges and causeways in France, invented a boat not liable to be upset or sunk by winds, waves, &c., in 1777. Also 1785 a patent was granted to Mr. Lionel Lukin, a coach-maker in London,

for his improvement in the construction of boats and small vessels, so that they will neither upset nor sink. They were made with projecting gunwales, sloping from the top of the common gunwale, in a faint curve, towards the water. 1805 a gold medal was voted by the Society for the Encouragement of Arts to Mr. Christopher Wilson, for a secure sailing boat, balanced exactly according to Mr. Lukin's device, by empty projecting gunwales into compartments, by which means the failure of one will not injure the others, and is, undoubtedly, a material improvement.

The life boat invented 1789, by Mr. Henry Greathead, of South Shields, ranks the foremost among the number of useful inventions of this nature. The inventor's attention was originally attracted to the principle on which the life boat is constructed, by observing, as he himself expresses it, "that each part of a spheroid divided into quarters, nearly resembles a wooden bowl having projecting ends. If this be thrown into the sea, or broken waters, it cannot be upset, or lie with the bottom upwards." Mr. Greathead for many years derived no pecuniary advantage from it, until June, 1802, when, in consequence of a petition to parliament, he received a grant of 1,200*l.* The Society for the Encouragement of Arts, and the Royal Humane Society, also each acknowledged their sense of its value by the presentation of a gold medallion, and the latter by various gratuities in money.

BOCARD, the ancient prison at Oxford, in which Cranmer, Ridley, and Latimer were confined, 1554. Bocardo was sold by the corporation to the commissioners of the paving act for 306*l.* In pulling it down, several curiosities were found in it, particularly a silver coin in a recess of an upper room, having on one side the figure of an owl, and on the other the Greek letters A. Θ. E., the initials of Athenæ.

BŒOTIAN WAR commenced A. C. 379, ended 336.

BOCCACCIO, JOHN, an eminent Italian writer, and one of the restorers of literature in Europe, was born at Certaldo, in Tuscany, in 1313. He enjoyed the friendship of Petrarch, and in 1351 was sent to negotiate his return to Florence. About 1361 he assumed the clerical habit. He was deputed by his countrymen as ambassador to pope Urban V., at Avignon, and in 1367 he at-

tended the pontiff, under the same character, at Rome. A public lecture on the "Comedia" of Dante having been instituted at Florence, he commenced his expositions of that author in October, 1373, but preferring the retirement of Certaldo, his native place, towards the close of his life, he died there in December, 1375. His most celebrated production is his "Decamerone," or collection of one hundred stories, or novels, feigned to have been recited in ten days by a company of ladies and gentlemen who had retired into the country from the plague of Florence, in 1348.

BOCHART, SAMUEL, one of the most learned writers of his age, born at Rouen, in Normandy, in 1599; was for many years pastor of a protestant church at Caen; published in 1646 his Phaleg and Canaan, which are the titles of the two parts of his Geographia Sacra. He acquired also great fame by his Hierozoicon, printed in London in 1675. He died May 16, 1667, aged 78. A complete edition of his works was published in Holland, in two volumes folio, 1712.

BODIAM CASTLE, Suffolk, built 1139.

BODLEIAN LIBRARY was founded on the remains of that established by Humphry, duke of Gloucester, by Sir Thomas Bodley, in 1595. He added to the old a new collection of the most valuable books then extant, which he ordered to be purchased in foreign countries. The nobility, the bishops, and several private gentlemen, made considerable benefactions in books. The room not being large enough to contain them, on the 19th of July, 1610, he laid the first stone of the new foundation, which was finished after his death.

BODLEY, SIR THOMAS, founder of the Bodleian Library at Oxford, born at Exeter, in 1544. In 1563 he took his degree of master of arts, at Magdalen College, Oxford; in 1565 he obtained a fellowship in Merton College; in 1569 he was elected one of the proctors of the university; and, for a considerable time, during a vacancy, he supplied the place of university orator. In 1576 he went abroad to make the tour of Europe, and perfect himself in the modern languages. Queen Elizabeth made him her representative in the counsel of state of the United Provinces in 1588. After founding the library which bears his name, he died January 28, 1612.

BOERHAAVE, DR. HERMAN, a ce-

lebrated physician, born at Voorhout, near Leyden, Dec. 31, 1668. In 1693, he was created doctor of medicine at the university of Harderwick; afterwards made professor of medicine, chemistry, and botany in the University of Leyden. Peter the Great, in 1715, attended Boerhaave to receive his lessons. His reputation was spread as far as China: a mandarin wrote to him with this inscription. "To the illustrious Boerhaave, physician in Europe." He died September 23, 1738, in the 70th year of his age.

BOETHIUS, or BOETIUS, Flavius Anicius Manlius Torquatus Severinus, an illustrious Roman, was born about 476. He had the honour of introducing to the Romans, in their own language, the geometry of Euclid, the music of Pythagoras, the arithmetic of Nicomachus, the mechanics of Archimedes, the astrology of Ptolemy, the theology of Plato, and the logic of Aristotle. He enjoyed the titles of consul and patrician. When Theodoric became king of Italy, Boethius for some years enjoyed his favour and friendship. He was at length, however, suspected of being hostile to his government, and after suffering many indignities, was put to death, 524.

BOG IN IRELAND, quantity of, 3,000,000 acres.

BOG OF CASTLEGUARD, or Poulenard, in the county of Louth in Ireland, Dec. 20, 1793, moved in a body from its original situation to the distance of some miles, crossing the high road towards Doon, covering every thing in its way, at least twenty feet in many parts, and throwing down several bridges, houses, &c.

BOGOTA, SANTA FE DE, capital of the republic of Columbia. Bolivar proclaimed dictator at, 1828. National Academy opened at, Jan. 6, 1833.

BOHEMIA, derives its name from the Boii, a people of Gaul, who, under their leader Sergovesus, settled in that country about 590. They were soon after expelled by the Marcomanni, a nation of the Suevi, who were afterwards subdued by the Sclavi, a people of Scythia, whose language is still spoken in Bohemia and Moravia. At first they were governed by dukes; but the emperor Otho I. about 932, conquered the Duke of Bohemia, and reduced the province under the empire. Afterwards, Henry V., about 1106, gave the title of king to Ladislaus, Duke of Bohemia, and since that time these kings have

been electors and chief cup-bearers of the empire, and the kingdom has been elective. Popery was established by Boleslaus, surnamed the Good, and which, notwithstanding the attempts of John Huss and Jerome of Prague, to effect a reformation, in the fourteenth and fifteenth centuries, continued to be the prevailing religion, until an edict of toleration was passed by Joseph II. in 1781, since which, the Protestant religion has been more prevalent.

BOHEMIA, QUEEN OF, visited England May 17, 1661, died there, Feb. 1662.

BOHEMIAN brethren, (the sect of), began in Bohemia 1467.

BOIARDO, an Italian poet, born 1434, died 1494.

BOILEAU, Sieur Nicholas Despreaux, a celebrated French poet, born at Paris in 1636. After studying successively law and divinity, he betook himself entirely to the belles-lettres, and took possession of one of the foremost places in Parnassus. He was afterwards chosen a member of the French Academy. He died of a dropsy, March 2, 1711, aged seventy-five. His *Lutrin* was published in 1647.

BOIS-LE-DUC, in Languedoc, taken by the French in 1714, destroyed by violent rains, 1776.

BOL, CORNELIUS, a Dutch artist, who painted views of the fire of London in 1666, when he flourished.

BOLAM, ARCHIBALD, clerk in the Newcastle Savings' Bank, committed for the murder of John Mellie, clerk of the same bank, Dec. 7, 1838, found guilty of manslaughter July 30, 1839.

BOLEYN, or BULLEYN, Queen of Henry VIII. memorable in English history as the first cause of the Reformation, and as the mother of Queen Elizabeth, born in 1507. She was tried for high treason, and suffered with great resolution, May 19, 1536.

BOLINGBROKE, HENRY ST. JOHN, Lord Viscount, a great statesman and philosopher, born at Battersea, 1672. In 1710 he was made secretary of state. He sustained almost the whole weight of the difficulties in negotiating the peace of Utrecht. In July 1712, he was created Baron St. John of Lediard-Tregoze in Wiltshire, and Viscount Bolingbroke. He joined the Pretender in 1715, and was attainted of high treason Sept. 10; procured a promise of pardon, upon cer-

tain conditions, from his majesty King George I. in 1716, but a full and free pardon was not granted him till 1723. He died at Battersea, Nov. 15, 1751.

“With all his passions, and with all his faults, he will perhaps,” says the writer of his life, “be acknowledged, by posterity in general, as I think he is by the majority of the present age, to have been, in many respects, one of the most extraordinary persons who adorned it.”

BOLINGBROKE CASTLE, Lincolnshire, birth-place of Henry IV., remains of, fell down, May, 1815.

BOLIVAR, the illustrious South American patriot, styled the Liberator, descended from a family of distinction at Caraccas, was born there about the year 1785. In his twenty-third year contemplated the establishment of the independence of his country, and all his studies and observations were directed to that object. In 1817, before the fall of Angostura into the hands of the patriots, wrote to his agent in London, Don Luis Lopez Mendez, requesting him to send out volunteers. When nearly the whole of New Grenada was in the possession of the Spaniards, was nominated supreme director of Venezuela.

1819. He presided at the opening of the congress of Venezuela at Angostura; same year it was decreed that New Grenada and Venezuela should form one undivided commonwealth, under the title of the republic of Columbia; general congress assembled 1821, when he was invested with executive power.

1823. He was despatched to Peru with a considerable body of troops from Columbia.

1824. He remained for some time beneficially employed in subduing the Spanish force and sustaining the government. By the end of 1826, the whole of the country was free from the Spaniards.

1828. Was proclaimed dictator at Bogota. Decree issued by him for augmenting the army of the Columbian republic to 40,000, in consequence of the accumulation of Spanish troops in the Havannah, which threatened Columbia. On Sept. 13, proclamation of Bolivar to the Columbians. As the minister of the sovereign people, he engaged to obey their legitimate desires; to protect religion; to cause justice to be observed; to exercise economy in the administration of the public funds; to discharge

the obligations of the republic towards foreign states and individuals ; to resign the supreme command when the people require its restitution ; to convoke the national representation within a year unless otherwise commanded by the people.

Sept. 25. Conspiracy against the life and government of Bolivar, directed by the late vice-president Santander and General Padilla. A part of the garrison having been reduced, attacked the residence of the general, who narrowly escaped with his life. His aids-de-camp Colonels Bolivar and Ferguson were killed. The conspiracy was defeated: 4000 inhabitants rose in favour of the general; and the chief conspirators, among whom was Santander, were apprehended. Padilla was previously in prison.

This extraordinary man after continuing to render service to his country died Dec. 17, 1831.

BOLIVIA, (or Upper Peru) new republic, South America. so called in 1825, from Bolivar the Liberator. *See the preceding Article.* See also **PERU**.

BOLOGNA, UNIVERSITY OF, (Italy,) founded, 423; city siezed by the French, June 18, 1798; taken by the Austrians, June 12, 1799; evacuated by Murat, and entered by the Austrian army, April 16, 1815.

BOLOGNESE, GRIMALDI, a celebrated Italian painter of landscape, history, and portraits, born 1606, died 1680.

BOLTON, England, erected into a borough, 1832.

BOLTON, Messrs. Hardcastle's bleachworks, nearly destroyed by fire, Oct. 27, 1825, the loss calculated at £30,000.

BOLTON ABBEY, Yorkshire, built 1120; castle built, 1297.

BOMBAY, taken possession of by the Portuguese, from an Indian chief at Salsette, in 1530; ceded to Britain in 1661; and, in 1668, placed under the control of the East India Company. Nearly destroyed by fire, and many lives lost, Feb. 27, 1803.

1838. A public meeting was held at Bombay, July 8, to consider the best means of honouring the memory of Sir Robert Grant, G. C. H. the late governor. It was resolved to devote the fund proposed to be collected to the erection of a suitable building for the medical college, planned by Sir Robert Grant. The Chamber of Commerce signified its intention, (besides contributing to the general sub-

scription) of raising a monument to his memory.

BOMBS, first invented by a man at Venlo, 1588; first used in the service of France, 1634.

BOMB VESSELS, invented in France 1681.

BONAPARTE; See **BUONAPARTE**.

BONAR, MR. AND MRS. of Chislehurst, Kent, murdered, by Philip Nicholson, their servant, May 31, 1813.

BONDAGE, released by Queen Elizabeth in several of her manors, 1574.

BONES and teeth of the elephant and rhinoceros found in pits of brick earth at the village of Fisherton Auger, near Salisbury; the fossil remains of the hyæna, in the quarries of Boughton, three miles south of Maidstone, 1827; and the bones of a rhinoceros and hyæna, in one of the Cefu caves in the vale of Cyffredau, Denbighshire, 1832.

BONHOMMES, a religious sect, began in 1257.

BONN, town of Prussia, occupied by the French, 1703, but though well garrisoned, taken by the duke of Marlborough; taken again by the French, 1794; university founded by the king of Prussia, 1818.

BONNER, bishop of London, entered at Oxford about 1512; made bishop of London, 1539; deprived, May, 1550, died in the Marshalsea, Sept. 5, 1569.

BONNET, Charles, a naturalist, born 1720, died 1793.

BOOKS first supposed to be written in Job's time; in the present form, were invented by Attalus, king of Pergamus; 30,000 burnt by order of Leo, 761. A very large estate given for one on Cosmography, by king Alfred: were sold from £10 to £30 each, 1400; the first printed one was a vulgate edition of the Bible, 1462; the second was Cicero de officiis, 1466, first began to be sold by catalogue, 1676; Cornelius Nepos published at Moscow, April 29, 1762, was the first classical book printed in Russia.

BOOK-KEEPING, first used after the Italian method in London, 1569.

BOOKSELLERS' Provident Institution, established in January, and enrolled in May, 1837.

BOOTH, BARTON, the player, born 1681, died May, 1733.

BOOTHIA, a newly discovered peninsula in the Arctic Ocean. so named by Captain Ross, from Sir Felix Booth, who

principally enabled him to equip the expedition, discovered Jan. 1830. The country, as far north as 72° is inhabited, and Captain Ross had communication with a very interesting tribe of natives, who had never before seen any Europeans.

BOOTS were invented, A.C. 907.

BORGE, a seat near Frederickstadt, in Norway, sunk into an abyss 100 fathoms deep, which instantly became a lake, and drowned 14 persons, with 240 head of cattle, 1702.

BORGIA, CÆSAR, natural son of Pope Alexander VI. was a brave general, but a most abandoned villain. Swarms of assassins were constantly kept in pay by him at Rome, for the sake of removing all who were either obnoxious or inconvenient to him. In 1503, he very narrowly escaped dying by poison; for having concerted with the Pope a design of poisoning nine newly-created cardinals at once, for the sake of possessing their effects, the poisoned wine, destined for the purpose, was, by mistake, brought to and drunk by themselves. He was killed in 1507, as he was serving as a volunteer in the army of king John, his brother-in-law.

BORGOGNONE, JACOPO CORTESE, a celebrated French painter of battle pieces, born 1621, died 1676.

BORING for water, coal, &c., &c., first adopted, 1804.

BORLASE, REV. WILLIAM, the antiquary, died 1772.

BORNEO, first known to the Portuguese, in 1513. The inhabitants of the north coast have a tradition that their country was once subject to China, and in modern times it has become a grand receptacle for the surplus population of that overflowing empire. The Dutch commissioners at Pontiana put forth a claim to the whole of the island, 1811; the Chinese gold miners at Sink-wang were in a state of insurrection against the Dutch, who at the commencement were unsuccessful, and obliged to evacuate that portion of the coast, 1824.

BORNOU, extensive kingdom of Central Africa, till lately but very imperfectly known. First visited by Denham, Clapperton, and others, in 1823, 1824, and the situation and limits of the country ascertained with some degree of correctness. Comprehended between the 15th and 10th parallel north latitude, and the 12th and 13th east longitude.

BOROUGH. See CORPORATIONS.

BOSCAWEN, ADMIRAL, died 1761, aged 50.

BOSCOVICH, JOSEPH ROGER, an eminent mathematician and philosopher born at Ragusa, in 1711. Sent in 1725, to the Jesuits' College at Rome. He was the author of a new system of philosophy published in 1758, entitled *Theoria Philosophiæ Naturalis*. In 1792, he went to America, for the purpose of observing the expected transit of Venus, over the sun's disk; died Feb. 13, 1787, aged 76.

BOSIA (the village of,) at Piedmont, near Turin, suddenly sank, together with above 200 of its inhabitants, April 8, 1679.

BOSSU, RENE' LE, eminent French scholar, born 1631, died 1680.

BOSSUET, JAMES BENIGNE, a celebrated French divine, born at Dijon, Sept. 27, 1627; sent to Paris to the College of Navarre, 1642; appointed preceptor to the dauphin, and afterwards bishop of Meaux, 1670; died 1704. His writings both in French and Latin were collected together, and printed at Paris, in 17 vols. 4to., 1743.

BOSTON, New England, proscribed, the port closed by the English parliament, as a punishment for a riot, April 4, 1744; bill for its removal, 1775; the tide breaking down the bank of the sea, deluged the town and the country round for many miles, Nov. 10, 1810.

BOSTON, New England, sustained a loss by fire of its court-house and records, Dec. 23, 1747; again, of above 100,000*l.* March 20, 1760; again in 1761, 1763, and 1775; again April 20, 1787; 100 houses burnt; again, July 23, 1794: when it received damage to the amount of 200,000*l.*; again in Dec. 1797.

BOSTON CHURCH, Lincolnshire, founded 1309; damaged by fire, May 23, 1803.

BOSWELL, JAMES, chiefly celebrated as the biographer of Dr. Johnson, born at Edinburgh, 1740. In 1773, he accompanied Dr. Johnson in a tour through the Highlands and the western isles of Scotland, of which tour he wrote an entertaining account, published in 1784. In 1790, he published his *Memoirs of Dr. Johnson*, in 2 vols. 4to. and since reprinted in 3 vols, 8vo., died May 19, 1765.

BOTANY. On this science Hippocrates is the oldest writer extant, who

flourished at the beginning of the Peloponnesian war, A.C. 431. Aristotle, who lived about half a century after, left two books now existing, which bear his name, but of such inferior merit, that they are generally thought to be spurious. Theophrastus, A.C. 322, the disciple of Aristotle, is the first professed writer on plants, whose works have uncontestedly descended to modern times. From the age of Theophrastus to that of Dioscorides and Pliny, there is an interval of 400 years. Dioscorides was a physician, and wrote entirely as such. Botany was not studied to much benefit, till the time of Gesner, the great naturalist, who discovered the expedience of dividing plants into classes, genera, and species. He died of the plague in 1565, at the early age of fifty. At this time also flourished Dr. William Turner, who may be accounted the father of English botany. It was he who first gave names to many English plants. Cæsalpin was the first to execute what Gesner had first conceived; the arrangement of the whole vegetable creation in a regular system.

The publication of Gaspard Bauhins's, "Pinax Theatri Botanici," in 1623, may be considered a new era in botany. The fruit of forty years' labour, it threw over the subject, as it then stood, a clear conspicuous light, and showed at one view the information which had been given by a multitude of scattered authors. Botany as a science, made little progress for nearly half a century afterwards; when Morison, Ray, Rivinus, and Tournefort, all nearly at the same time, directed their attention to the classification of plants, and investigated the true principles on which it ought to be formed.

The distinction of sexual parts in plants had been discovered, and pretty generally admitted, before the time of Linnæus: but he was the first who made it the basis of an artificial system. The first sketch of his "Systema Naturæ," was published in 1735, and the "Fundamenta Botanica," in 1736. In 1737, they were followed by the "Critica Botanica," "Genera Plantarum," "Hortus Cliffortianus," "Flora Lapponica," and "Methodus Sexualis." In 1751, appeared his great and most finished elementary work, the "Philosophia Botanica;" and in 1753, the first edition of the "Species Plantarum," which completed his system by extending to the lowest division under which individual plants were collec-

tively arranged. Linnæus devoted the greatest part of his life to a system confessedly artificial, but he has left what he calls fragments of a natural order, without pointing out their peculiar distinguishing characters; and the substance of his lectures on natural orders has been published, since his death, by his pupil Giske. The most successful attempt at a natural method was that of the Jussieus. The plan of this system was originally formed by Bernard Jussieu, demonstrator of botany at Paris, and published by his nephew, Anthony Lawrence, in 1789, in a work entitled *Genera Plantarum, secundum Ordines Naturales disposita*. Since then, many works have appeared, but no material changes in the great principles of the science.

BOTANY BAY, a spacious bay on the south-east coast of Australia, discovered, 1770, by Captain Cook, who so named it from the number and variety of plants, unknown to Europeans, which he found there. It was afterwards converted into a penal settlement for exiled criminals. The first expedition, with 778 convicts on board, to this spot, was placed under the command of governor Philip, who sailed, May, 1787, and arrived in Jan. 1788. As however neither the bay nor the land afforded shelter to commerce, or hope to the agriculturist, the settlement was transferred to Port Jackson, which was only three leagues distant.

BOTH, ANDREW and **JOHN**, two celebrated Dutch painters. Andrew died 1656; John died 1650.

BOTHEL CASTLE, Northumberland, built 1330.

BOTOLPH'S PRIORY, Colchester, built 1109.

BOTTLE, containing two hogsheads, blown at Leith, Scotland, Jan. 7, 1748-9. See **GLASS**.

BOTTLE CONJURER, imposed on the credulous at the Haymarket Theatre, Jan. 16, 1748-9.

BOUGAINVILLE, the navigator, escaped from the massacre at Paris of 1792, and died Aug. 3, 1811.

BOULOGNE FLOTILLA, the unsuccessful attack on, by Lord Nelson, 1801.

BOULTER, archbishop of Armagh, Ireland, gave 30,000*l.* to charitable uses, born 1671, died 1742.

BOULTON, MATTHEW, the ingenious mechanic and engineer of Soho, Birmingham, died 1809.

BOUNDARIES and divisions of counties, and limits of cities and boroughs, for the purposes of parliamentary reform, 1832.

BOUNTIES, first legally granted in England for raising naval stores in America, 1703; for exporting corn, 1689; repealed 1815. See **CORN**.

BOURBON, erected into a duchy 1336.

BOURBONS, family compact, 1761; expelled France, 1791; restored, 1814; re-expelled, and again restored, 1815; the Orleans branch elected to a monarchy, 9th of August, 1830.

BOURBON ISLE, island in the Indian Ocean, 400 miles east from that of Madagascar, discovered by the Portuguese in the year 1645, and named by them Mascarique; first taken possession of and colonized by the agent of the French East India company, and for some years it was used as a place of banishment for criminals. Upon the increase of the colony the name of the island was changed to Bourbon, in compliment to the Royal Family of France, by M. de Flacourt, in the year 1649; colony regularly established by the French, 1672; taken by the English, 1810, restored, 1814. In 1829, there was a violent hurricane at the Isle of Bourbon, by which upwards of sixty vessels were damaged, and the whole of the eastern side of the island devastated.

BOURBON-LES-BAINS, in Bassigni, France, the vault under the church there gave way during mass, when 600 persons were killed, Sept. 14, 1778.

BOURDALOUE, **LOUIS**, a celebrated French preacher, and one of the greatest orators that France has produced, born at Bourges, Aug. 20, 1632. He frequently preached before Louis XIV. He died at Paris, May, 13, 1704.

BOURDON, **SEB.** a French painter of history and landscape, born 1616, died 1671,

BOURGEOIS, **FRANCIS**, an English landscape painter, founder of the Dulwich Gallery, born 1756, died 1811.

BOURIENNE, **MONS. DE**, secretary and biographer of Napoleon, died in a maison de santé, in Normandy, 1834.

BOURIGNON, **MADAM**, the enthusiast, born 1616, died 1680.

BOURN, **THOMAS**, an English topographical writer, born 1771, died 1832.

BOURRALT, **EDM. FR.** a French writer, born 1632, died 1701.

BOUTERWEK, Professor of the

University of Gottingen, died Sept. 23, 1828.

BOW-BRIDGE, first built, 1087.

BOW-CHURCH, Cheapside, built 1673, tower finished, 1680.

BOWS and **ARROWS** introduced into England, 1066. See **ARCHERY**.

BOWYER'S COMPANY, London, incorporated, 1620.

BOWYER, **WILLIAM**, the printer, born 1669, died Nov. 18, 1777.

BOXGROVE PRIORY, Sussex, built 1110.

BOYCE, **DR. WILLIAM**, organist and composer to his late Majesty George II. born in London, 1710, appointed master of the king's band, 1757, organist of the chapel royal, 1758. He died Feb. 9, 1779, aged 69.

BOYDELL, **JOSIAH**, alderman of London, a portrait and landscape painter and engraver, born 1750, died 1817.

BOYDELL, **JOHN**, alderman of London, promoter of the graphic art in England, born 1719, died 1805.

BOYER, **ABEL**, the lexicographer, born 1664, died 1729.

BOYLE, **RICHARD**, earl of Cork, born 1556, died 1643.

BOYLE, **ROGER**, inventor of the orrery, born 1621, died 1643.

BOYLE, **ROBERT**, celebrated philosopher, born at Lismore, county of Cork, Ireland, 1627. He was one of the first members of a small but learned body, which after the Restoration were incorporated, as the Royal Society. During his residence at Oxford, he invented the air-pump, which was perfected for him by Mr. Hook, in the year 1658 or 1659. In 1663, the Royal Society being incorporated, Mr. Boyle was appointed one of the council. He died in 1691.

BOYLE, **CHARLES**, earl of Orrery, born 1676, died 1731.

BOYLE, **JOHN**, earl of Orrery, born 1707, died 1762.

BOYLE, **RICHARD**, earl of Burlington, born 1695, died 1753.

BOYNE, river in Ireland, memorable for a battle fought on its banks between James II. and king William III. in which the former was defeated, July 1, 1690.

BOYNE, man of war, of 89 guns, was destroyed by fire at Portsmouth, when great mischief was done by the explosion of the magazine, on May 1, 1795.

BOYSE, **JOHN**, a divine, and one of the translators of the Bible, born 1560, died 1643.

BOYSE, SAMUEL, a man remarkable for the fineness of his genius, for the lowness of his manners, and the wretchedness of his life, was born at Dublin in the year 1708. About the year 1740, he was reduced to the last extremity of wretchedness. In May, 1749, he died in obscure lodgings near Shoe Lane.

BRABANT, province of the Netherlands, erected into a duchy in the 7th century, and long subject to the Frankish monarchy; after which it became a German fief. The last duke, a descendant of Charlemagne, dying in the year 1005, Lambert, count of Louvain, succeeded him, from whose posterity again it passed to Philip II., duke of Burgundy, and afterwards to the emperor Charles V.

The north portion of the duchy was seized by the republic of Holland in the 17th century, from which it acquired the distinctive appellation of Dutch Brabant, and in 1810, was annexed to the French empire. Upon the formation of the kingdom of the Netherlands, it was restored to the Dutch, and now forms part of the kingdom of Holland.

South Brabant belonged for a considerable period to Austria, was occupied by the French in 1746, but restored by the peace of Aix-la-Chapelle. It was a second time seized by the French in 1797, to whom the possession was confirmed by the treaty of Campo Formio, in 1797, and of Luneville, in 1801. Upon the formation of the kingdom of the Netherlands, in 1815, this province with others was included in that kingdom, but it was again separated by the Belgian insurrection in 1830, and is now the metropolitan province of the kingdom of Belgium.

BRADDOCK, GENERAL, killed at Du Quesne, July 9, 1755.

BRADENSTOCK PRIORY, Wilts, built, 1076.

BRADFORD, in Wiltshire, damaged by fire, April 30, 1740, erected into a borough, 1832.

BRADFORD, JOHN, a divine, and martyr to the reformation, who flourished during the reign of Queen Mary. In 1550, he was ordained by bishop Ridley; and in 1553, he was made chaplain to Edward VI., during which time he became one of the most popular preachers in the kingdom. In the early part of Queen Mary's reign he was confined to the tower for sedition, and at last brought

to his trial. They condemned him to the flames; and he was accordingly burnt alive in Smithfield, July 1, 1555.

BRADLEY, DR. JAMES, a celebrated astronomer, was born at Shireborn, in Gloucestershire, 1692; admitted a commoner of Baliol College, Oxford, 1710-11. In 1721, he succeeded Dr. John Kiel, as Savilian professor of astronomy. In 1727, he published his "Theory of the Aberration of the Fixed Stars," which is allowed to be one of the most useful and ingenious discoveries of modern astronomy. See **ABERRATION**. He was made astronomer royal, 1741-2. In 1742, admitted into the council of the Royal Society; and in 1748, a member of the Royal Academy of Sciences and Belles Letters, of Berlin; in 1752, a member of the Imperial Academy, at Petersburg; and in 1757, of that instituted at Bologna. He died 1762, aged 70.

BRADSHAW, JOHN, one of the judges of Charles I., born 1586, died 1659.

BRADSOLE ABBEY, Kent, built, 1191.

BRADSTOW PIER, in Kent, destroyed by a storm, January 2, 1767; rebuilt 1772.

BRADY, REV. DR. NICHOLAS, the first protestant bishop of Meath, in Ireland, born 1659, died 1726.

BRADY, DR. ROBERT, physician to King James II., and author of the "History of England," died 1770.

BRAHE, TYCHO, a celebrated Swedish astronomer, born December 14, 1546. The great eclipse of the sun August 21, 1560, happening at the precise time the astronomers had foretold, he began to study the science. In 1574, by his majesty's command, he read lectures on the theory of the comets, at Copenhagen. Tycho Brahe's skill in astronomy is universally known; and he is famed for being the inventor of a new system which he endeavoured, though without success, to establish upon the ruins of that of Copernicus. He died October 24, 1601, aged 55, and was interred in a very magnificent manner in the principal church at Prague.

BRAHILOW, town of European Turkey. Von Stoffel, the Russian general, invested this town in the year 1770, and set fire to it in many places. June 19, 1828, after a bloody and unsuccessful attempt to take it by storm, a capitulation for the surrender of the fortress was concluded between the grand duke Mi-

chael, chief in command of the Russian besiegers, and Soliman Pasha, the Turkish commander of that place.

BRAIN, functions of, first discovered, 1792.

BRAMAH, JOSEPH, engineer and mechanist, born 1749, died Dec. 9, 1814.

BRAMBER CASTLE and CHURCH, Sussex, built before the conquest.

BRANCEPETH CASTLE, Durham, built 1140.

BRANCH BANKS, establishment of, at Gloucester, Manchester, Swansea, Birmingham, Liverpool, Bristol, Leeds, Exeter, Newcastle-upon-Tyne, Portsmouth, Plymouth, Hull, and Norwich, 1834.

BRANDENBURG, created a marquisate, 926; created a dukedom, 1526.

BRANDENBURG HOUSE, residence of Queen Caroline, taken down, 1824.

BRANDY has always formed a very prominent article in the exports of France. The following is an account of the exportation of brandy from France

during the 3 years ending with 1789, and the 14 years ending with 1828.

YEARS.		HECTOLITRES.
1787	.....	305,638
1788	.....	221,499
1789	.....	234,500
1815	.....	154,160
1816	.....	137,398
1817	.....	61,697
1818	.....	99,402
1819	.....	231,652
1820	.....	253,349
1821	.... :	153,408
1822	.....	230,186
1823	.....	310,059
1824	.....	317,347
1825	.....	250,937
1826	.....	194,110
1827	.....	273,574
1828	.....	403,207

Which, as the hectolitre is equal to 26.42 wine gallons, shows that the exportation in 1828, was equivalent to 10,252,728 gallons; but it has since declined considerably.

The number of gallons (imperial measure) of foreign brandy which entered for home consumption in Great Britain and Ireland since 1814.

QUANTITY ENTERED FOR HOME CONSUMPTION.

Years.	Great Britain.	Ireland.	United Kingdom.
	<i>Imp. gals.</i>	<i>Imp. gals.</i>	<i>Imp. gals.</i>
1814	500,592	7,169	507,761
1815	656,555	5,160	661,715
1816	657,062	5,275	662,337
1817	634,017	3,875	637,892
1818	531,583	6,232	537,815
1819	787,422	7,080	794,502
1820	842,864	6,025	848,889
1821	914,630	6,001	920,631
1822	1,001,607	7,308	1,008,915
1823	1,083,104	17,118	1,100,222
1824	1,226,715	984	1,227,699
1825	1,321,327	3,550	1,324,877
1826	1,473,243	7,371	1,480,614
1827	1,313,217	7,271	1,320,488
1828	1,327,929	7,556	1,335,485
1829	1,301,450	8,529	1,309,979
1830			1,285,967
1831	1,226,280	8,821	1,235,101
1832	1,570,075	31,577	1,601,652

BRASIL.—See **BRAZIL**.

BRASS exported in 1799, amounted to 77,033 cwt. 3qr. 16lb., at 7*l.* 14*s.* 8*d.* per cwt., amounted to 595,728*l.* 15*s.* 5*d.*

BRAY, DR. THOMAS, deviser of pro-

pagating the gospel in foreign parts, born 1656, died 1730.

BRAY, WILLIAM, an English antiquary, born 1736, died 1833.

BRAY, BERKS., famous in song for

its vicar; who, from the reign of Henry to Elizabeth, changed his religion three times, and being called a turncoat, said he kept to his principle, that of living and dying vicar of Bray.

BRAZEN-NOSE COLLEGE, Oxford, founded 1513.

BRAZIL, South America, discovered April 24, 1500, by Alvarez de Cabral, a Portuguese, who was driven on its coasts by a tempest. He called it the land of the Holy Cross. It was subsequently called Brazil, on account of its red wood, and was carefully explored by Amerigo Vespucci, from 1500 to 1504. It was settled by the Spaniards, 1515; settled by the Dutch, 1624; taken from Holland by the Portuguese, 1654; government fixed at Rio, 1763. January 19, 1808, the royal family of Portugal landed at Bahia.

In 1808 the ports were first opened for the unconditional entrance of all friendly vessels, and the exportation of all Brazilian produce, under certain duties, except Brazilian wood. A treaty of alliance and commerce was concluded with England in 1810.

In 1815 Brazil was declared a monarchy, and its connexion with Germany drawn closer by the marriage of the crown prince, Don Pedro, afterwards emperor, with the daughter of Francis I. of Austria. After the close of the congress of Vienna, the same year, a desperate struggle took place between Brazil and the republic of Buenos Ayres. In 1817 an insurrection broke out in Pernambuco, which was suppressed by the garrison stationed there.

In 1821, after the revolution of Portugal, Don Pedro accepted the Portuguese constitution in the name of his father and himself. Don Pedro was elected constitutional emperor, October 12, 1822; abdicated in favour of his son, Don Pedro, then five years old, April 7, 1831. The representatives of the nation immediately met, and appointed a regency to act in the name of the young emperor.

In 1833, a conspiracy, concocted in March, by the governor of the young emperor, to overthrow the constitution and restore Don Pedro, was discovered and defeated. In April a bill was brought in to prohibit Don Pedro from ever entering the territories of Brazil, even as a foreigner and private individual. In August, 1834, the legislature and the regency ratified a measure for establishing

a federal form of government throughout the entire Brazilian territory, upon principles similar to that of the United States. In the beginning of the year 1835 an insurrection of the negro slaves broke out. They attacked simultaneously the different barracks in the city; but the military, having been forewarned, were prepared to receive them. They took the town of Para, which had been rising into importance during late years as a place of consumption for British manufactures. Then followed an indiscriminate massacre of all white men who fell into their hands, without regarding to what nation they might belong.

In 1836 Brazil recovered the town of Para, of which the insurgent Indian population in the previous year had taken possession. When the city fell into the hands of the insurgents it was said to have contained British property to the amount of 300,000*l.*, of which scarcely a trace remained. In 1837, Feijo, regent of Brazil, resigned his post. A new government was installed, of which Senhor Galvao was named president. Although this revolution was effected without bloodshed, great alarm existed lest further trouble should arise, and the negro slaves be induced to take their part likewise in the conflict. In 1838 Bahia, towards the latter end of December, was retaken by the imperial troops under General Callado by storm, which put an end to the revolt. In the province of Rio Grande the insurrection continued during the year, and the attempts on the part of the government to suppress it were less successful than at Bahia.

BRAZIL diamond mines discovered, 1730.

BREAD. Origin of the art of making bread not known. Unleavened bread was common in the days of Abraham (Gen. xviii. 8). Leavened bread was used in the time of Moses (Exod. xii. 15). The Greeks affirmed that Pan had instructed them in the art of making bread; but they, no doubt, were indebted for this art, as well as for their knowledge of agriculture, to the Egyptians and Phœnicians, who had early settled in their country. The method of grinding corn by hand mills was practised in Egypt and Greece from a very remote epoch; but for a lengthened period the Romans had no other method of making flour than by beating roasted corn in mortars. The Macedonian war helped

to make the Romans acquainted with the arts and refinements of Greece; and Pliny mentions that public bakers were then, for the first time, established in Greece.

The use of yeast, in the raising of bread, seems to have been practised by the Germans and Gauls before it was practised by the Romans. It was not practised in France in modern times, till towards the end of the seventeenth century; introduced into England, 1656.

Wherever it is easily and successfully cultivated, wheaten bread is used, to the nearly total exclusion of most others. In the reign of Henry VIII. the gentry had wheat sufficient for their own tables, but their household and poor neighbours were usually obliged to content themselves with rye, barley, and oats. In 1596, rye-bread and oatmeal formed a considerable part of the diet of servants, even in the great families, in the southern counties. Barley bread is stated, in 1626, to be the usual food of the ordinary sort of people.

In 1758 wheat had become much more generally the food of the common people; but even then not more than half the people of England fed on wheat. About the middle of the last century hardly any wheat was used in the northern counties; but wheaten bread is now universally made use of in towns and villages, and almost every where in the country.

At the middle of the last century, Scotch agriculture was in the most depressed state. In 1780 no wheaten bread was to be met with in the country places and villages of Scotland; oat cakes and barley bannocks being universally made use of. But at present the case is widely different; the upper, and also the middle class, and lower classes in towns and villages, use only wheaten bread; and even in farm houses it is very extensively consumed.

In many parts of England it is the custom for private families to bake their own bread. This is particularly the case in Kent, and in some parts of Lancashire. In 1804 there was not a single baker in Manchester; and their number is still very limited.

Owing to the vast importance of bread, its manufacture has been subjected, in most countries, to various regulations, some of which have had a beneficial, and others an injurious operation.

Assize of Bread. From the year 1266, in the reign of Henry III., down to our own days, it has been customary to regulate the price at which bread should be sold according to the price of wheat or flour at the time. But in consequence of the increase of intelligence as to such matters, the practice of setting an assize was gradually relinquished in most places; and in 1815 it was expressly abolished, by an act of the legislature (55 Geo. III. c. 99), in London and its environs. In other places, though the power to set an assize still existed, it was seldom acted upon, and had fallen into comparative disuse.

Lastly, it was entirely set aside by 6 and 7 Will. IV. c. 37—July 28, 1836, entitled, an “Act to repeal the several Acts now in force relating to bread to be sold out of the City of London and the Liberties thereof, and beyond the Weekly Bills of Mortality and ten miles of the Royal Exchange; and to provide other regulations for the making and sale of Bread, and for preventing the adulteration of meal, flour, and bread, beyond the limits aforesaid.” This act recites that it is expedient (as in the title) to proceed forthwith to repeal all acts relating to the making and selling of bread, or to the punishment for adulterating meal, &c. out of the City of London and beyond the Bills of Mortality, and enacts that there shall be no longer any assize of bread beyond such limits, or any regulation respecting the price thereof. It authorizes bread to be sold beyond those limits, if made of flour or meal, of wheat, barley, rye, oats, buck wheat, Indian corn, peas, beans, eggs, milk, barm, leaven, potato, or other yeast, and mixed in such proportions as the bakers shall think fit.

Adulterating Bread, by mixing other ingredients than those mentioned, to be punishable by a fine not exceeding 10*l.*, nor less than 5*l.*, or imprisonment for not exceeding six months; and the names of such offenders are to be published in a local newspaper. Adulterating corn, meal, or flour, or selling flour of one sort of corn as the flour of another sort, subject to a penalty not exceeding 20*l.*, nor less than 5*l.*

Price of Bread. In the year 1754, the quartern loaf was sold for 4*d.*; three years afterwards, in the year 1757, it rose to 10*d.*; in March 1800 to 1*s.* 5*d.*, when new bread was forbidden, under

the penalty of 5s. per loaf, or if the baker sold it until twenty-four hours old. In March 1809 the quartern loaf was sold for 1s. 3d.; in June 1810, for 1s. 5d.; in July 1812, for 1s. 8d.; from January to September, 1813, for 1s. 6½d.; in 1813, 1814, and 1815, from 11½d. to 1s.¼; in 1816, from 10d. to 1s. 5¾d.; in June, 1817, for 1s. 8d.; in 1836, for 9d.; in 1839, from 9d. to 10½d.

BREAD, made from the fibres of wood in Germany, 1834.

BREAD FRUIT TREE, first introduced into the West Indies by Captain Bligh, Jan. 1793.

BREAKWATER, at Plymouth, commenced Aug. 10, 1812. March 31, 1813, made its appearance above the surface of the Sound at low water of the spring-tide.

The quantity of stone deposited in 1812 was 16,045 tons; in 1813, 71,198 tons; in 1814, 239,480 tons; in 1815, 264,207 tons; and in 1816, up to Aug. 12, 206,033 tons; at which time, the total quantity of stone sunk, amounted of 896,963 tons; and at the conclusion of the year, to upwards of 1,000,000 tons. The total quantity of stone required for the construction of the breakwater, as originally estimated by Messrs. Rennie and Whidby, amounted to 2,000,000 tons; and the probable expense to £1,171,100.

1817. A decided proof was afforded of its benefit, by its sheltering the Sound and Catwater from the fury of one of the most tremendous hurricanes remembered by the oldest inhabitant.

BREAST-PLATES for armour first invented, A.C. 397.

BRECKNOCK CASTLE, built 1089, priory built 1100.

BREDA. Since the establishment of a town here in 1534, it has frequently been attacked and occupied by the French and Spaniards. It was surprised and taken by the Spanish general Cloud de Barlaimont in 1581; by Maurice, prince of Orange, in 1590. Again taken by the Spaniards under Spinola 1625, after a siege of ten months; and by Henry of Orange 1637, after four months' siege. In 1667, it was the seat of the famous conference, in which a general peace was established between Louis XIV. of France, Charles II. of England, Frederick III. of Denmark, and the governor of the United Provinces. In 1793, Dumouriez, the French general, made

himself master of the town and citadel, but was compelled to abandon his advantages owing to a defeat which the French sustained at Neerwinden. In 1794, in the month of September, Pichegru made an attack on Breda, but did not succeed in getting possession until the following winter, when it surrendered to France with the rest of Holland. In 1813, when the Russian army approached this place, the French sallied out to oppose them, and the towns-people, taking advantage of the opportunity, shut the gates against them, and prevented their re-admission. Since then, it has continued under the Dutch government.

BREECHES, first introduced into England, 1654.

BREEDING OF CATTLE. In 1710 the average weight of bullocks was 370 lbs., of calves 50 lbs., of sheep 28 lbs.; but in 1832, that of bullocks was 800 lbs., of calves 140 lbs., and of sheep 80 lbs. The Chatsworth ox, which was four years and a half old, weighed 3,080 lbs.

BREMEN, fortified 1010; damaged by an explosion of gunpowder, 1000 houses destroyed and 40 persons killed, Sept. 10, 1739; capitulated to the Russian general Tettenborne, Oct. 14, 1813.

BRENNUS, a celebrated captain among the Gauls, who, about A.C. 333, entered Italy with a powerful army, made gréat conquests there, defeated the Romans, and sacked Rome.

BRERE, a village in Dorsetshire, several fires broke out at, and threatened the total destruction of the place, July, 1816.

BREREWOOD, EDWARD, mathematician and antiquary, born 1565, died 1613.

BRERETON, Lieut. Col., destroyed himself while a court-martial was sitting on his conduct, after the riots at Bristol, Jan. 11, 1832.

BRESCIA, in Italy, seriously damaged by an explosion, Aug. 8, 1779.

BRESLAU, taken by the Austrians, 1758 and 1761, entered by the French, June 1, 1813.

BREST, seaport town of France, in the department of Finisterre. The English, under Lord Berkeley and General Talmache attempted to take possession of this harbour in 1694, but were defeated with the loss of 900 soldiers, and

400 seamen. The magazine, 400 yards long, was destroyed by fire, to the value of 7,000,000f. in stores, besides the building, Jan. 19, 1744. Marine Hospital burnt, with fifty galley-slaves, Dec. 1, 1766; magazine, &c. destroyed by fire, July 10, 1784, to the value of 1,000,000f. The French fleet were beaten, and lost seven of their ships off this harbour, by the British under Howe, June 1, 1794.

BREVAL, JOHN DURANT, dramatic writer, died 1739.

BREVIARIES, first adopted, 1080.

BREWER'S COMPANY, London, incorporated 1438.

BREWER'S license taxed, 1781.

BREWERY. See **BEER**.

BREWHOUSE of H. Meux, two large vats in, suddenly burst, deluging and destroying several neighbouring houses, Oct. 17, 1814. Several lives were lost, and the total loss of beer was estimated at between 8000 and 9000 barrels.

BRIBERY, first practised in England 1554.

BRIBERY AT ELECTIONS, forbidden by law, 1696, 1729, 1735. The act 2 Geo. II. c. 24, inflicts a penalty of £500 on any person bribing voters at elections. In the Cambridge election 1835, the case *Henslow v. Fawcett* was decided against the defendant, and the penalty enforced.

BRICHIAN, order of knighthood began in Sweden, 1366.

BRICKLAYERS' COMPANY, London, incorporated 1568.

BRICKS, first used in England by the Romans; the size ordered by Charles I. 1625, duties regulated July, 1839.

BRICKS AND TILES taxed 1804.

BRIDE-CAKE, originated in the Roman custom, called *Confarreatio*, of dividing a cake of wheat and barley, as a firm alliance between man and wife.

BRIDEWELL, formerly a palace of King Henry VIII., London, built 1522, converted to an hospital 1558.

BRIDGE. The first stone one in England was at Bow, near Stratford, 1087. The first bridge of cast-iron was the arch at Colebrook Dale, in Shropshire, thrown over the Severn, in the year 1779, under the direction of Mr. Abraham Derby. It consists of a single arch, 100½ feet in width, composed of five ribs, each rib formed of three concentric arcs, connected together by ra-

diating pieces; another iron bridge, was that over the Wear, at Sunderland, commenced in 1790, and completed in three years.

SUSPENSION BRIDGES. In 1816-17, three suspension bridges of iron were projected. The first at Galashiels, in Scotland; the second, Dryburgh, over the Tees; and the third, the famous bridge over the Menai, connecting England and Wales.

The Menai Suspension Bridge, begun May 1819, completed Jan. 30, 1826, was the design of Mr. Telford, and was built under his direction. It has justly been considered as one of the most stupendous monuments of modern art in the world. The narrowest part of the strait is 500 feet in width, and it is now crossed by this magnificent bridge, thirty feet in breadth, suspended 100 feet above the surface of the water, from enormous stone buttresses 152 feet in height. The extreme length of the chains from the fastenings in the rocks, is about 1600 feet. The height of the roadway from the high-water line, is 100 feet. Each of the seven small piers from high-water line to the spring of the arches, is sixty-five feet. The space of each arch is fifty feet; each of the two suspending piers is fifty-two feet above the road. The carriage-roads pass through two arches, in the suspending piers, of the width of nine feet, by fifteen feet in height to the spring of the arches. The chains, sixteen in number, contain five bars each. The suspending power is calculated at 2,016 tons, and the weight to be suspended, exclusive of the cables, is 342 tons, leaving a disposable power of 1674 tons. The weight of the whole bridge between the points of suspension, is 489 tons.

Hammersmith Suspension Bridge was erected by Captain Brown, in 1828, cost £180,000. It was opened for the first time October 6. Two piers, or suspension towers, 400 feet from each other, and about 143 feet from either shore, have been built in the river, where at this place it is about 750 feet wide. The suspension towers are of stone, 48 feet high above the railway, making a total height of 64 feet above the highest level of the river. The total weight of metal employed was 472 tons. The length of the chains themselves, from the outer face of one retaining or shore pin, to that of the other, is 841 feet, 7 inches,

being 18 feet 11 inches longer than the strait line or chord.

Besides the above, the following are the principal bridges of this kind: over the Avon, at Clifton, erected by Mr. Brunel; over the South Esk, near Montrose; Galton bridge, Birmingham, erected in 1826; over the Aire, near Leeds, 1832; over the Trent, near Durham, 1832. A steel one has been erected over the Danube, near Vienna.

The credit of having first suggested the practicability of constructing bridges of iron, has been claimed for Thomas Paine, who is said to have conceived the idea, from contemplating the fabrication of a spider's web, in America. Whatever may be thought of this assertion, it is certain that, in 1787, Paine presented to the Academy of Sciences, at Paris, the model of a bridge which he had invented; and it is equally a fact that, during the greater part of the year following, he resided at Rotherham, in Yorkshire, where a bridge, chiefly of wrought iron, was constructed, under his direction, by Messrs. Walker. Whatever may have been the precise principle of this pattern bridge, it was taken to London, exhibited there for a time, returned again to Rotherham, and broken up at that place.

BRIDGES OF LONDON. Up to the close of the last century there were only three over the Thames, in London; there are now six.

Vauxhall Bridge, the uppermost, consists of 9 cast iron arches, of 78 feet span. Its length is 800 feet, and it cost about £150,000; it was completed about 1805.

Westminster Bridge, began 1708, completed in 1750, consists of 15 arches, the centre being 76 feet in width. The length of the bridge is 1,223 feet, and it cost £389,000.

Waterloo Bridge has 9 elliptical arches, each 120 feet span. With the abutments, it measures 1,242 feet, but with the dry arches on each side of it, it extends 2,900 feet. It cost above £1,000,000. It was begun in 1811, and finished in 1817, by public subscription.

Blackfriars' Bridge consists of 9 arches, the centre 100 feet wide, and its length is 995 feet. It cost £152,840; and was finished in 1768. See BLACKFRIARS.

Southwark Bridge consists of 3 cast iron arches, the centre 240 feet span; each of the others 210 feet. Its length

is 708 feet, and it cost £800,000. It was begun in 1815, and finished in 1819.

London Bridge was originally built of timber about 1000; it was carried away by the flood February 13, 1098, and about 200 years after, was entirely rebuilt of stone, being begun 1176, and completed 1200; had originally 20 small arches, with houses and shops upon it, but both the latter were removed in 1758, when the avenues to the bridge were enlarged, and the two middle arches thrown into one. This was the only bridge across the Thames at London during 750 years.

New London Bridge. About 1820, an opinion having prevailed that the old London bridge was in a dangerous state, an act of parliament was passed for the "rebuilding the same, and improving and making suitable approaches thereto." The government contributed £200,000 towards the undertaking. Mr. Rennie's estimate for the new bridge was £430,000, with £20,000 for the temporary bridge. The change in the site, with the new approaches, added £456,000 to this estimate; but in consequence of the nature of these approaches, others had afterwards to be submitted, which increased the actual expenditure to nearly £2,000,000.

The first pile of a cofferdam for the south pier was driven March 15, 1824. The first cofferdam was completed April 27, 1825; the first stone laid, June 15. The first arch was keyed in, August 4, 1827; and so much progress had been made in the other arches, that the last was keyed November 19, 1828. The last day of July, 1831, saw the bridge finally completed. The time occupied in its erection, from the driving the first pile, March 15, 1824, was seven years, five months, and thirteen days.

The ceremony of opening the bridge to the public, took place August 1, 1831. The solemnity was graced with the presence of the late king, William IV., and his court, who came and went by water; and a banquet was given on the bridge by the civic authorities, to their illustrious visitors.

The bridge consists of 5 semi-elliptical arches. The least of these is larger than any stone arch of this description ever before erected. The centre arch is 152 feet span, with a rise above high-water mark of 29 feet 6 inches; the two arches next the centre are 140 feet in span,

and rise 27 feet 6 inches; and the two abutment arches 130 feet span, rising 24 feet 6 inches. The length of the bridge, from the extremities of the abutments, is 928 feet; within the abutments, 782 feet. The road-way is 53 feet, between the parapets, being 8 feet wider than the old bridge, and 11 feet wider than any other bridge on the Thames. Of this width the foot-ways occupy 9 feet each, and the carriage-way 35 feet. The whole of the bridge, including the dry arches over Thames and Tooley streets, is constructed of the finest granite, selected from the quarries of Aberdeen, Heytor, and Penryn. The arches over which the approaches, on each side, are carried, with the exception of the two above-mentioned, are built of brick. The total quantity of stone employed in the structure was about 120,000 tons. The raising and blasting at the quarries, the loading, removing, preparing, and setting the stones, together with other operations connected with the bridge, gave daily employment to upwards of 800 men, during the whole time the work was in progress.

BRIDGE of Puerta de St. Maria, near Cadiz, fell down as soon as finished, while receiving the benediction, and killed several hundred persons that were over and under it, February 22, 1779.

BRIDGENORTH CASTLE, Salop, built 800.

BRIDGE TOWN, Barbadoes, destroyed by fire, April 1668; had 160 dwelling houses destroyed by fire, February 8, 1756; again, 120, February 14, 1758; again, May 14, 1766; again, December 27, 1767.

BRIDGEWATER CASTLE AND BRIDGE, Somersetshire, built 1204.

BRIDGEWATER, DUKE OF, celebrated as the patron of canal navigation, born 1736, died 1803. See **CANAL**.

BRIDGEWATER TREATISES, a series of scientific works lately presented to the public under the following peculiar circumstances. The right honourable and reverend Francis Henry, Earl of Bridgewater, who died February 1829, by his will dated February 25, 1825, directed certain trustees to invest in the public funds £8000; this sum, with the dividends thereon, to be at the disposal of the president for the time being of the Royal Society of London, to be paid to the persons nominated by him. The testator further directed that the persons

selected by the president should be appointed to write, print, and publish one thousand copies of a work "On the Power, Wisdom, and Goodness of God, as manifested in the Creation;" illustrating such work by all reasonable arguments; as for instance, the variety and formation of God's creatures, in the animal, vegetable, and mineral kingdoms; the effect of digestion, and thereby of conversion; the construction of the hand of man, and an infinite variety of other arguments; as also, by discoveries ancient and modern in arts, sciences, and the whole extent of literature. He desired, moreover, that the profits arising from the sale of these works, should be paid to their respective authors.

In consequence of this bequest, the following interesting tracts were successively published: "The Adaptation of External Nature to the Moral and Intellectual Constitution of Man," by Rev. Dr. Chalmers, Professor of Divinity in the University of Edinburgh, in 1833. "Adaptation of External Nature to the Physical Constitution of Man," by J. Kidd, M.D., Regius Professor of Medicine in the University of Oxford, 1833. "On Astronomy and General Physics," by Rev. Wm. Whewell, F.R.S., Fellow of Trinity College, Cambridge, 1833. "On the Hand, its Mechanism and Vital Endowments as evincing Design," by Sir Charles Bell, F.R.S., 1833. "On Animal and Vegetable Physiology," by P. M. Roget, M.D., Secretary to the Royal Society, 1834. "On Chemistry, Meteorology, and the Function of Digestion," by W. Prout, M.D., F.R.S., 1834. "On the History, Habits, and Instinct of Animals," by Rev. W. Kirby, F.R.S., 1835. "On Geology and Mineralogy," by Rev. Dr. Buckland, Professor of Geology in the University of Oxford, 1837.

BRIGANTINES, a sect that began, 1370.

BRIGGS, HENRY, a celebrated mathematician, born 1556. In 1596, he was chosen the first professor of geometry at Gresham college. In 1615, he was employed about the noble invention of logarithms, then lately discovered; in the improvement of which, he had afterwards a large share. In 1619; he was made Savilian professor of geometry at Oxford; and resigning his professorship of Gresham college, he removed to Oxford; died January 26, 1630. He was

the inventor of the common logarithms, that system of which 1 is the logarithm of 10, 2 of 100, 3 of 1000, &c.

BRIGGS, DR. WILLIAM, physician to king William III., born 1650, died 1714.

BRIGHT, EDWARD, of Malden, in Essex, was supposed to have been the largest man living, or perhaps that had ever lived in this island. He weighed forty-two stone and a half. He was active till a year or two before his death, when his corpulency so overpowered his strength, that his life became a burden, and his death a deliverance to him; he died November 10, 1750, aged 30.

BRIGHTON, or BRIGHTHELMSTONE, although a place of considerable antiquity, was little noticed till last century; erected into a borough, 1832; chain pier at, blown down October 15, 1833.

BRINDLEY, Mr., the Duke of Bridgewater's engineer, born 1716, died September 27, 1772. See **CANAL**.

BRINKBURN PRIORY, Northumberland, built 1331.

BRINKLEY, Dr., bishop of Cloyne, died in Dublin September 14, 1835. Previous to his promotion to the bishopric of Cloyne, Dr. Brinkley held the astronomical chair in Trinity college, Dublin. Cloyne is one of the sees abolished by the Irish Church Temporalities Act.

BRISSOT, JAMES PETER, one of the principal agents in the French revolution, and from whom a party of the revolutionists derived the name, Brissotines. He was born at Chartres, in the Orleanois, in 1754. In 1780, he entered most entirely into the views of the revolutionary party, and published several works, the tendency of which was, according to his own account, the extirpation of political and religious tyranny. In 1791, he was chosen one of the representatives in the legislative assembly, of which he was also appointed secretary. The party of the Mountain under Marat, Robespierre, and Danton predominating, the arrest of the Brissotines was decreed, and Brissot was condemned to the guillotine; his execution took place October, 1793.

BRISTOL was a place of importance during the Roman invasion. Gildas, as early as 430, reckons this among the fortified and eminent cities of Britain, under the name of *Caer Brito*. Nennius also, 620, mentions it in his enumera-

tion of 28 cities of Britain. It was first encompassed with a strong wall by Robert, the illegitimate son of Henry I., in 1130, who also rebuilt and improved the castle, which, excluding the outworks, was 450 feet in length, and 300 in breadth. The fortress was razed to the ground by order of Oliver Cromwell, in 1665. The town surrendered to the king's forces under Prince Rupert, July 26, 1643.

Riot at Bristol, when the turnpikes were demolished, and many houses destroyed, July 20, 1749. The floating harbour effected by damming up the bed of the Avon and Frome nearly as far down as the Hotwells, and cutting a new channel for the river from near Totterdown to Rownham Ferry, was completed in 1809.

1831. Reform riots at Bristol, October 29, on the entrance of Sir Charles Wetherell, as recorder, commenced, and continued through Sunday until Monday morning; during which, the gaols were broken open and burnt, the mansion house and custom house destroyed, the toll-gates pulled down, and many private houses plundered and set on fire. The loss of lives, either by the rioters perishing in the flames they had themselves created, or from the exertions of the soldiery to repress the tumult, has been roughly estimated at two or three hundred. The most melancholy part of the calamity was the deaths of several females and children, who, on the attack of the rioters, had retreated to the upper part of the houses, and were consumed in the flames applied by the miscreants at the bottom.

1832. Opening the commission for the trial of the Bristol rioters, by Chief Justice Tindal, January 2. Of the numerous rioters taken into custody during the insurrection, four were subsequently executed, and twenty-two transported. Trial of Pinney, the mayor of Bristol, for neglect of duty during the riots, Oct. 26. He was acquitted Nov. 1.

BRISTOL CROSS built, 1373; taken down and removed to Sturhead, 1760; exchange built, 1741; bridge bill passed, May 22, 1760.

BRITAIN, ANCIENT. The Britons were of the same stock with the ancient Gauls or Celtæ. A. C. 55, Julius Cæsar first invaded Britain with two legions, August 20; he landed at Dover, and the first battle was fought at Deal.

Britain was at this time divided into several petty kingdoms, which were now united under Cassivelaunus. A. C. 54, Cæsar made a second descent with a fleet of 600 vessels and twenty-eight galleys, in which he embarked five legions and 2000 horse, near Canterbury. He defeated the Britons, May 20; he passed the Thames at Cowey Stakes, and penetrated as far as Verulam (St. Albans). Cæsar imposed a tribute of £3,000 on the Britons, and Cassivelaunus and the princes of South Britain having submitted, and given hostages, the Romans returned to the continent, September 26.

A. D. 46. Claudius, the Roman emperor, sent Plautius into Britain with an army, who attacked and defeated Caractacus in three successive battles. See **CARACTACUS**.

48. Christianity first introduced into Britain. It is said that the wife of Plautius and a British lady Claudia Ruffina, were Christians. In 51, Ostorius Scapula, a Roman general, was sent to Britain in the room of Plautius; he defeated Caractacus. In 53, Ostorius died in Britain, and Claudius sent Aulus Didius in his room, who, the same year, was removed, and Veranius succeeded him, who dying in 58, Suetonius Paulinus took the command. In 61, defeat of Boadicea, the British queen. See **BOADICEA**.

78. Julius Agricola, who succeeded Fontinus, reduced South Britain in 83, into the form of a Roman province, introducing the laws, customs, &c., of the Romans; he also defeated Galgacus in North Britain. In 84, Agricola built a chain of castles from the Clyde to the Forth. He afterwards subdued the Orkney Islands, and reduced the Caledonians. At this time Britain was first discovered to be an island. In 104, the emperor Adrian, landed in Britain, and in 121, built a wall of earth from Carlisle to the river Tyne, containing eighty miles in length, as a defence against the Caledonians.

208. The emperor Severus came into Britain, repulsed the Caledonians, and built a wall of stone where the emperor Adrian's wall of earth stood. He was killed at York. In 211, Severus dying at York, his brother Caracalla, was chosen, who ordered his brother Geta and others to be put to death. In 270, Constantine, afterwards the Great, was born at York. In 284, Carausius arrived, and

was proclaimed emperor in Britain, and is said to be the first who bestowed Scotland on the Picts, as a recompense for their assistance. In 294, Constantius repulsed the Scots. He married Helena, daughter of Coilus, duke of Colchester, by whom he had Constantine the Great; she first walled the city of London.

306. Constantius died at York, and was succeeded by his son Constantine. He embraced the Christian religion, and was unanimously saluted by the name of Constantine the Great. In 310, he divided Britain into four governments, viz., Britannia Prima, comprehending the country between the river Thames and the sea; Britannia Secunda, consisting of all that lay west of the Severn to the Irish sea; Flavia Cæsariensis, comprehending Cornwall, Devonshire, Somersetshire, and part of Wilts and Gloucestershire; and the fourth division was named Maxima Cæsariensis, including the northern counties of England, with Nottinghamshire, Derbyshire, Staffordshire, and Lincolnshire. In 337, Constantine died, May 22, and was buried at Constantinople. In 365, the Britons rebelled against the Romans, in conjunction with the Picts. In 393, the Northern Britons joined the Picts, and determined to expel the Romans from the island. In this the inhabitants of the south refused to concur, and even implored the assistance of Rome against the Picts, which induced the northerners to treat them as common enemies, and lay waste their flourishing provinces. In 427, and the year following, was the last assistance the Romans afforded the Britons. In 428, the emperor Honorius abandoned Britain, and discharged the Britons from their allegiance. This was 480 years after the first attempt of Julius Cæsar against this island.

447. When the Romans abandoned South Britain, Vortigern, a prince of the Dunmouii, (inhabitants of Devon and Cornwall,) was elected sole monarch of South Britain. He invited over the Saxons (who inhabited the north-west of Germany) to defend them against the ravages and devastations of the Picts and Scots. In 449, the first embarkation of the Saxons, who arrived at Ebbsfleet, in the isle of Thanet, in three galleys, being commanded by Hengist and Horsa, two brothers. In 454, Vortigern was compelled by his subjects to admit his son Vortimer partner in the throne, and was

deprived of all authority. The Britons endeavoured to rid the kingdom of the Saxons, but were resisted by them, when a war commenced, which terminated in favour of the latter. In 455, the first battle was fought at Aylesford, in Kent, when the Saxons were commanded by Hengist and Horsa, and the Britons by Vortimer. Immediately after the battle, Hengist first took upon him the title of king of Kent. In 458, numbers of the Britons retired into Wales, and some went to Holland, and landed near Leyden. Thus the unhappy Britons, for seven or eight years, suffered all the calamities of a civil war, till, by agreement, a division of the kingdom put an end to their animosities. In 466, the war was again renewed against their common enemy, the Saxons. It was in this war the famous Arthur, at fourteen years of age, first made his appearance. He was king of Cornwall and Devon, and gained many victories. See ARTHUR.

547. Ida, an Angle, landed at Flamborough, and became the first king of Northumberland. In 571, Uffa assumed the title of king of the East Angles. In 584, Crida, a Saxon chief, arrived in Britain with a large fleet, and made great conquests, which obliged the Britons to retire entirely into Cambria, and Crida founded the kingdom of Mercia, which was the last of the seven Saxon kingdoms. About the same time the Anglo-Saxons unanimously agreed to call the seven kingdoms in general by the name of England, that is, the country of the Angles. This government was called the Saxon Heptarchy, and lasted till 827, when Egbert having subdued and united them under one government, he was crowned king of England. See ENGLAND.

BRITAIN, GREAT. The appellation of Great Britain seems to have been introduced chiefly by the union of the kingdom of England, and the principality of Wales, with the kingdom of Scotland, under the reign of the Scottish monarch, James VI., who succeeded to the throne of England after the death of Queen Elizabeth, by the title of James I.

For the chronology of the three countries to the time of James I., see ENGLAND, SCOTLAND, and WALES. From the period of Queen Elizabeth's death, and the accession of King James I., we are now therefore to trace the principal

events under the heads of the different sovereigns, to the present time.

JAMES I. was born at Edinburgh, June 19, 1566, crowned king of Scotland July 22, 1567, married Anne, princess of Denmark, Aug. 10, 1589.

1603. James was proclaimed king by the council, March 24. He was the son of Henry Stuart Lord Darnley, and Mary Queen of Scots, the only child of James V. king of Scots, who was son of James IV. and Margaret his queen, the eldest daughter of Henry VIII. king of England. Set out from Edinburgh, April 5, in order to take possession of the crown of England. Arrived at Theobalds in Hertfordshire, May 3, a seat of Secretary Cecil's, where he was met by the privy council; and the Duke of Lenox, the Earl of Mar, the Lord Hume, Sir George Hume, Sir James Elphinstone, and Lord Kinlass, all Scots, were called to the council-board. The plague being in London (of which 30,244 persons died), a person was whipped through the town for going to court when his house was infected, June 1. On July 25, the king and queen were crowned at Westminster, by Archbishop Whitgift. Nov. 4. Lord Cobham, Lord Grey, and Sir Walter Raleigh, were tried for high treason, in conspiring against the king, and condemned on the 17th, but reprieved; the treason they were principally charged with, was conspiring to set the lady Arabella Stuart, the king's cousin-german, upon the throne, and inviting the Spaniards to assist them.

1604. Jan. 14. A proclamation was issued for banishing priests and Jesuits, and another for enforcing the act of uniformity; out of 10,000 ministers of parishes, only forty-nine refused to conform, and were deprived. March 19. The first Parliament met and recognized the king's title. The king granted a royal license to Lawrence Fletcher, William Shakespeare, and others, to act comedies, tragedies, &c., at their usual house, the Globe, or elsewhere. An Act passed this year, appointing commissioners to treat of an union of the two kingdoms of England and Scotland. Tonnage and poundage were granted to the king for life, as they had been to his predecessors from Henry VII. to Queen Elizabeth, for defence of the realm, and the guard of the seas. On June 16, the commons addressed the king concerning certain grievances, and represented

their grievances, which displeased the king, and he prorogued them to the 7th of February.

1605. Nov. 5. The gunpowder plot was first discovered by one of the conspirators, who, through a desire to save William Parker, Lord Monteagle, wrote him a letter of caution. The Earl of Northumberland was suspected, by being related to Percy, who was at the head of the plot; and was committed to the tower, and fined £30,000, for admitting Percy into the band of pensioners without tendering him the oath of supremacy. Lord Monteagle had a grant of £200 per annum in land, and a pension of £500 per annum, as a reward for discovering the letter concerning the conspiracy.

1606. Jan. 27. The conspirators in the gunpowder plot were convicted. Jan. 30. Some of them were executed at the west-end of St. Pauls, and in Palace-yard, Westminster. The conspirators were attainted in parliament, and an act was made for annually solemnizing the 5th of November, as a day of thanksgiving for the discovery of the powder-plot. Another act passed, empowering the crown to levy twenty pounds a month on Popish recusants absenting themselves from church, or to seize two-thirds of their lands, and declaring it to be a premunire to refuse the oath of allegiance. Nov. 18, an act passed, (4 Jac. 1, cap. 1.) repealing all hostile laws made against the Scots; and in Calvin's case soon after, it was resolved that all Scotchmen, born after the accession of King James to the crown, should enjoy all the privileges of denizens.

1610. The king issued a proclamation, commanding all the Jesuits to depart the kingdom, and all recusants not to come within ten miles of the court, and caused all his subjects to take the oath of allegiance. James put the government of Ireland under the English laws, and caused justice to be administered with the utmost impartiality.

1612. Prince Henry died November 5, aged 19, and was buried at Westminster Abbey, Dec. 12. His funeral charge, amounted to £16,016. The king would allow no mourning to be worn on this occasion.

1613. Frederick Prince Palatine of the Rhine, married the king's daughter, the princess Elizabeth, Feb. 14, and carried her over to Germany, April 10.

1614. The second parliament of this reign met April 5; but beginning to debate on their grievances, viz., the king's profuseness to the Scots, and the increase of the Popish recusants, they were dissolved June 7, without passing one act; after which, the king committed several members of the commons, for the freedom they had taken, and raised money on the subject by way of benevolence, to the amount of £52,909.

1615. George Villiers, afterwards duke of Buckingham, taken into favour, and appointed a gentleman of the bed-chamber, with £1000 salary.

1616. The earl of Suffolk, being convicted of taking bribes, and embezzling the king's treasure, was disgraced and fined £30,000, and Sir John Bennet, judge of the prerogative court, was convicted of bribery, and fined £20,000 by the court of the star chamber. The king delivered up Flushing, Ramekins, and the Brill, to the states of Holland, for less than a tenth part of the charges they were to pay for the assistance Queen Elizabeth gave them.

1617. The king resolved to compel the Scotch to conform to the church of England. He met with great opposition. This year the book of sports was published, giving leave for innocent recreations after evening prayers on Sundays; and the clergy were enjoined to read the book in their churches, for neglect whereof, some of them were prosecuted in the star chamber.

August. Sir Walter Raleigh sailed to America in search of a gold mine. Oct. 29. At the instigation of the Spanish ambassador, Sir Walter Raleigh was executed, (by virtue of his former sentence) for high treason.

1619. Queen Anne died at Hampton Court, in the forty-sixth year of her age, March 2.

1621. The third parliament of this reign met Jan. 30, when the lord chancellor Bacon was convicted of bribery, fined £40,000, and imprisoned during the king's pleasure. The seals were taken from him, and given to Dr. Williams, dean of Westminster, who was made bishop of Lincoln, and afterwards archbishop of York. See BACON.

In this parliament were first formed the parties of court and country. Great heats arose in the house of commons, and they drew up a remonstrance, and

protested in vindication of their privileges. The parliament again met in November, and insisted on their privileges in freedom of speech, and James sent for the journal of the house, and tore out the leaf containing their protestation. The king dissolved the parliament by proclamation; many were confined, and the earls of Oxford and Southampton were sent to the tower.

1623. The king made a declaration in favour of the Roman Catholics. The bishop of Chalcedon came into England to exercise jurisdiction over the Catholics, and a chapel was begun to be built at St. James's for the infant's use.

1624. James put in force the laws against the Popish recusants, particularly against friars and priests, some of whom were imprisoned. August. A match was proposed and concluded between Prince Charles and the Princess Henrietta of France, daughter of Henry IV., but was not consummated till King James's death. After the treaty of marriage was signed, the recusants were no longer prosecuted.

1625. King James died at Theobald's March 27, in the 59th year of his age, and the 23rd of his reign, of a tertian ague, and was interred (May 7) with great state in Westminster Abbey, Prince Charles being chief mourner. His wife, Anne, was the daughter of Frederick II. king of Denmark. His issue were Henry Robert, who died young; Charles, who succeeded him; Elizabeth, who married the elector Palatine, from whom her present Majesty's family is descended; also Margaret, Mary, and Sophia, who died young.

CHARLES I, the third, but only surviving son of James I. by queen Anne, daughter of Frederick II. king of Denmark, succeeded to the crown on the demise of his father, March 27, 1625. On May 11, King Charles's marriage with the princess Henrietta Maria, youngest daughter of Henry III., of France, was solemnized at Paris. June 16, their majesties arrived in London. A great plague raged at this time in London, which swept away 35,417 persons. Buckingham became a favourite with the new king. The first parliament in this reign met at Westminster, June 18, and his majesty, and the lord-keeper each of them made a speech to both houses. The parliament was adjourned from Westminster, July 11, on

account of the plague, and met at Oxford, Aug. 1. The parliament petitioned the king against recusants. Aug. 12. The parliament having refused to settle the revenue of tonnage and poundage on his majesty for more than one year, or to grant supplies sufficient to maintain the war with Spain, and employing their time in finding out grievances, and arraigning the conduct of the king's ministers, particularly of the duke of Buckingham, they were this day dissolved, both at Westminster and Oxford, not having sat three weeks, nor having passed a single act. The parliament having made no provision for the civil list, the Spanish war, or the guard of the seas, the king found himself under the necessity of ordering the officers to continue to collect the usual duties settled on his predecessors, by his own authority.

The king entered into an offensive and defensive alliance with Holland against Spain, to which France and Denmark acceded.

1626. King Charles I. was crowned at Westminster, Feb. 2, with his Queen, by Archbishop Abbot; his majesty chose to be clothed in white, rather than purple, as his predecessors usually were at a coronation. Feb. 6, the second parliament in this reign met at Westminster. Committees were appointed, one for religion, one for redress of grievances, and one for secret affairs. May 8. Articles of impeachment were preferred against the duke of Buckingham by the commons, for several high crimes and misdemeanours, committed in his administration; to which the duke put in his answer. Sir Dudley Diggs and Sir John Elliot, two of the members of the commons, who carried up the impeachment against the duke of Buckingham were committed to the tower, for some obnoxious expressions that fell from them on that occasion (the first began, and the other ended the impeachment) but they were released soon after, and explained themselves.

1627. The king of France broke the treaty of peace, and seized 120 English ships. Charles declared to his council the cause of his making war with France. June 27. The duke of Buckingham, with 100 sail of ships of all sorts, and 7000 land forces on board, set sail from Portsmouth, for the city of Rochelle, in France, where, being re-

fused admittance, he landed on the isle of Rhé, but not being able to make himself master of the fort La Prée, he returned to England in November, with some disgrace, having lost one-third of his troops.

1628. The third parliament of this reign met, March 17, and preferred a petition of right to his majesty, praying, That no loan or tax might be levied but by consent of parliament. 2. That no man might be imprisoned but by legal process. 3. That soldiers might not be quartered on people against their wills. 4. That no commission be granted for executing martial law. To which the king answered, "I will that right be done according to the laws and customs of the realm." June 7. Both houses addressed his majesty for a fuller answer to their petition of right, whereupon they received this satisfactory answer, viz: *Soit fait comme il est désiré*. June 26. The commons being about to remonstrate against his majesty's receiving tonnage and poundage, the king came to the house of peers, and having passed the act confirming the rights and liberties of the subject, (as above demanded,) and two other acts, whereby the clergy and laity respectively granted five entire subsidies, &c. the parliament was prorogued to Oct. 20, and then by proclamation to Jan. 10, following. Aug. The duke of Buckingham being at Portsmouth, equipping another fleet for the relief of Rochelle, was stabbed by John Felton, a discontented lieutenant. Sept. 8. The fleet set sail for Rochelle, under the command of Robert, earl of Lindsey, but was obliged to return without effecting any thing; Rochelle was ultimately taken, and out of 15,000 persons in the city, only 5,000 remained alive, the rest being starved by famine.

1629. Jan. 20. The parliament met. Jan. 21. The commons proceeded again on their grievances, and debated concerning the increase of Arminians and Papists, and Mr. Pym moved, that a covenant might be taken, to maintain their religion and rights. March 2. The speaker being called upon to read a remonstrance, and put the question, said he dared not, the king having commanded the contrary; and endeavouring to leave the chair, was held in by force, and the doors locked, till a protestation was read, "That whoever should bring in innovations in religion, or seek to bring in Popery or Arminianism; and whoever

should advise the taking of tonnage or poundage, not granted by parliament, or that should pay the same, should be accounted enemies to the kingdom." On March 5, warrants were issued by the privy council for seizing the opposing members of the commons, and Mr. Holles, Mr. Coriton, Mr. John Elliott, and Mr. Valentine, appearing before the council, refused to answer for what was said or done in the house, and were thereupon committed close prisoners to the tower. The king came to the house of peers, March 10, and in a speech declared that the seditious behaviour of some of the commons, obliged him to dissolve the parliament, though he commended the behaviour of some members of that house.

1634. Mr. Pryn prosecuted in the star-chamber, July 2, for publishing his book called *Histriomastix*, being a libel on the administration for suffering and countenancing plays, masquerades, &c. Pryn was fined 5000*l.*, expelled the university of Oxford, and Lincoln's-inn, disabled to profess law, to stand twice on the pillory, lose his ears, and remain a prisoner for life.

1636. The book of common prayer, composed for the church of Scotland, being appointed to be read by the dean of Edinburgh in his surplice. at St. Giles's, July 23, he was interrupted, and had a stool thrown at his head; it was with some difficulty that the magistrates of Edinburgh dispersed the mob; after which the service was read through, in that and the rest of the churches in Edinburgh; but the bishop of Edinburgh was in danger of being murdered on his return to his house.

1638. An insurrection in Edinburgh July 19, by the presbyterians. The Scots threw off their allegiance, and entered into a covenant or association against the government, which they compelled all people to subscribe. Archbishop Spotswood and several other Scotch bishops fled into England. April. The case of ship-money, between the king and Mr. Hampden, was argued before all the judges of England in the Exchequer chamber; and Mr. Hampden was cast. He was adjudged to pay twenty shillings, being the sum he was charged with, towards fitting out a fleet for the guard of the seas.

1639. The king marched towards the Scots, March 27, with an army of 6000 horse, and as many foot, attended

by great numbers of the nobility and gentry. The earl of Arundel was general, the earl of Essex lieutenant general, and the earl of Holland general of the horse: also a fleet of sixteen men of war, fitted out under the marquis of Hamilton. June 1, the Scots preferred a petition to the king, professing all obedience and submission; whereupon the king consented to a treaty with them. The king having disbanded his army, Aug. 1, returned to Theobald's, and two days after to Whitehall.

1640. The parliament of England met, April 13, when the earl of Strafford acquainted the house that the parliament of Ireland had granted the king four subsidies for the maintaining 10,000 foot, and 1500 horse, which was urged as a good precedent for the parliament of England. The long parliament of England, which began the revolution in 1641, met Nov. 3, this year, and the commons chose William Lenthall, esq. for their speaker.

1641. The earl of Stafford was beheaded on Tower-hill, May 12. The king departed for Scotland, Aug. 10. The king passed an act of pacification between the kingdoms of England and Scotland, to effect which, all the Scots' demands were granted; and it was computed their coming into England and stay here, cost this nation 100,000*l.* besides the damages they did to private men. The Irish rebellion and massacre, Oct. 23. The Scotch first incited this rebellion in Ireland, suggesting there was a design to eradicate all the Irish catholics. The latter surprised and put to death upwards of 10,000 English in cold blood. There were since the rebellion broke out in Ireland, from Oct. 23, to March 1, following, 154,000 protestants cruelly massacred; and until the cessation, Sept. 15, 1643, above 300,000 murdered in cold blood, destroyed, and expelled their habitations. The king returned from Scotland, and was splendidly treated by the city of London, Nov. 25.

1642. The king ordered lord Kimbolton to be apprehended, Jan. 3, together with Mr. Pym, Mr. Hampden, Mr. Holles, Sir Arthur Haslerig, and Mr. Stroud, and their trunks and papers to be sealed up; whereupon the commons resolved, that whoever should attempt to seize any of their members, or their papers, they should stand upon

their defence. The same day the commons voted it a breach of privilege. The commons ordered the seals to be taken off. The king went to the common council of London, and demanded the five members out of the city, when one Henry Walker threw into the king's coach a paper, wherein was the city petition to the king, who sided with the commons, written, "To your tents, O Israel," This may be considered as the origin of the civil war. May 19, the parliament published a manifesto, under the name of remonstrance or a declaration, setting forth the reason of their conduct. The parliament voted, that whoever should serve or assist his majesty in raising forces, were traitors: and sent their serjeants to York, to apprehend some gentlemen that attended the king there, as delinquents. Oct. 23, being Sunday, about two in the afternoon, began the battle of Edge-hill, near Keynton, in Warwickshire, where the king's horse beat the parliamentary cavalry out of the field; but pursuing them too far from the field of battle, left the king's infantry exposed to the enemy's foot, who were more numerous; however they maintained their ground till night parted them, when both armies drew off: and the next day both claimed the victory, and gave thanks for it, but neither of them thought fit to renew the fight. On the king's side were killed the earl of Lindsey the general, Lord Aubigny, son of the duke of Lennox, and Sir Edmund Verney, the standard bearer. On the other side were killed only lord St. John of Bletso, and colonel Charles Essex, of any note. The royal standard was taken, but afterwards rescued by Captain John Smith, who was knighted for it, and made standard bearer. The king advanced towards London, Nov. 16, whereupon the parliament ordered the earl of Essex to march towards the city for their protection, and invited the Scots into England again.

1643. Reading surrendered to the earl of Essex, April 26, the parliamentary leader, after a siege of ten days; the garrison consisted of 4000 men, and were permitted to march out with their arms, &c., but all deserters were given up; colonel Fielding, deputy governor, who hung out a flag of truce, was condemned to lose his head, but afterwards pardoned by the king. Prince Rupert,

and the marquis of Hertford invested Bristol, and storming the place, it surrendered on the 26th; the garrison consisting of about 3000 men, being permitted to march out with their swords and baggage July 22. The two houses having made a new great seal, Nov. 11, declared that all letters, patents, and grants, passed the great seal by the king, after May 22, 1642, should be void, and that henceforward their own great seal should be of the same authority as any great seal of England had formerly been; they committed the custody of it to the earls of Bolingbroke and Kent, and to Mr. St. John, Serjeant Wild, Mr. Brown, and Mr. Prideaux. The parliament's forces seized the regalia and plate in Westminster Abbey, and sold them.

1644. The royalist members who had deserted the parliament at Westminster being summoned by the king to appear at Oxford, assembled there, Jan. 22, to the number of 44 lords and 118 commoners.

1645. General Fairfax invested Oxford, May 22. The king took Leicester by storm, and marched to Daventry in Northamptonshire, May 31. Fairfax retired from Oxford, June 9. Fairfax obtained an intercepted letter, which made him resolve to give the king battle. Both armies met near Naseby, in Northamptonshire, where the king was defeated, lost all his foot, artillery, arms, &c., with his cabinet of papers, and retired to Lichfield, and from thence to Ragland Castle, the seat of the old marquis of Worcester. The parliament took 5,000 prisoners. There were slain, on the king's side, about 600 men; and, out of these, 150 officers. On the parliament's side, there were about 1,000 officers and men slain.

1646. Exeter surrendered to the parliament, April 13. Oxford surrendered upon articles dated at Water Eaton, June 20. The number of the soldiers and scholars in pay, amounting to about 7,000 men, were allowed to march out with marks of honour, and returned to their respective dwellings. Upon the surrender of Oxford, the great seal, and all the other seals of state, were sent to Westminster, where they were broken in the presence of the two houses.

1647. The Scots, in consideration of 400,000*l.* of their arrears paid them by the English parliament, delivered up the king to the English commissioners, Ja-

nuary 30. The king was brought to Newmarket, June 8, where he was permitted his recreations, and the gentry to resort to him, with his chaplains and servants; and Cromwell made great professions of serving him. The king was removed from Newmarket to Royston, June 24; the 26th to Hatfield house; July 1 to Windsor; July 3 to Caversham; July 22 to the earl of Devonshire's; from thence to Woburn; then to Stoke Pogis and Oatlands. The king having for the most part marched with the army after he left Newmarket, was, on the 16th of August, fixed at Hampton Court, and afterwards conducted to Carisbrook Castle. The parliament allowed him 5000*l.* for his expenses there. His household was all dissolved. The king made his escape to Titchfield, November 11, a seat of the earl of Southampton, and was afterwards persuaded to trust himself with Hammond, governor of the Isle of Wight, who detained his Majesty in the island, and gave advice to the parliament where he was. The parliament sent the king four bills to the Isle of Wight for his royal assent, Dec. 24. 1. He was to acknowledge the war raised against him to be just. 2. To abolish episcopacy. 3. To settle the power of the militia in persons nominated by the two houses. 4. To sacrifice all those that had adhered to him.

1648. Upon the king's refusal to pass the four bills, the commons, on the 3d of July, voted that they would make no more addresses to the king, but proceed to settle the kingdom without him, and to this resolution the lords, on the 17th, gave their concurrence, and his Majesty was made a close prisoner. Cromwell's troops engaged sir Marmaduke Langdale near Preston, in Lancashire, August 17, and the Scots, not supporting him, after an obstinate fight, sir Marmaduke was routed. Afterwards Cromwell engaged the Scots, and routed them, the Scots making a very faint resistance. Duke Hamilton fled, and was taken at Uttoxeter, with 3,000 horse, surrendering upon no better conditions than that of quarter. November 30, the king was taken out of the hands of colonel Hammond, and carried to Hurst Castle, by an order of the council of officers of the army. December 4, the commons voted that the seizing the king's person and carrying him to Hurst Castle was without the consent of the

house. December 6, Colonel Pride was sent with a strong detachment to Westminster, who seized and imprisoned forty-one of the members as they were going to the house, and stopped above one hundred and fifty permitted to sit in the house; and these were most of them officers of the army. December 21, the king was brought by colonel Harrison from Hurst Castle to Windsor. December 28, a committee was appointed to consider of drawing up the charge against the king.

1648-9. The names of the commissioners that were to try the king amounted to 150. January 10, John Bradshaw, of Gray's-inn, a sergeant lately created, was made president of the intended high court of justice, there were but about seventy-nine of the commissioners named for the king's judges that acted. January 20, the king was brought from St. James's to Sir Robert Cotton's house at Westminster, from whence he was carried before the high court of justice in Westminster-hall the same day; and refusing to acknowledge their jurisdiction, he was remanded to Cotton-house. January 22, the king was brought before the court a second time, and objected to their jurisdiction again. January 23, the king appeared in Westminster-hall the third time, and persisted in denying the jurisdiction of the court; whereupon Bradshaw ordered his contempt to be recorded. The king's refusal to answer before the high court was taken, according to the laws of England, as a confession. A little before his sentence was pronounced he earnestly desired to be heard before the two houses, saying, he had something of importance to offer them; but his desire was rejected. January 27. The king being brought into Westminster-hall the fourth day, the clerk was ordered to read the sentence which concluded, "For all such treasons and crimes this court doth adjudge, that he, the said Charles Stuart, as a tyrant, traitor, murderer, and a public enemy, shall be put to death, by severing his head from his body." The warrant for the king's execution was signed by fifty-nine of his judges.

Jan. 30. The king being ordered to be put to death this day, about ten in the morning, he walked from St. James's to Whitehall, under a guard, being allowed some time for his devotions; he was afterwards led by colonel Hacker, through the banqueting-house

to the scaffold erected in the open street, where, having made a speech, he submitted to the block, and his head was severed from the body at one blow, about two in the afternoon, in the 49th year of his age, and the 24th of his reign. His body was put into a coffin covered with black velvet, and removed to his lodging-room in Whitehall, being embalmed; it was delivered Feb. 7, to four of his servants, and by them that day was removed to Windsor; he was silently interred Feb. 9, in a vault about the middle of the choir, over against the seventh stall on the sovereign's side, near Henry VIII., and Jane Seymour, with this inscription on a fillet of lead "King Charles, 1648."

The king was married in the year 1625, to the Princess Henrietta Maria, youngest daughter of Henry IV., surnamed the great king of France, and sister to Louis XIII, and had issue by this princess, 1. Charles, who died the same day he was born; 2. Charles, who succeeded his father by the name of Charles II; 3. James, who succeeded his brother Charles by the name of James II; 4. Princess Mary, married to William of Nassau, Prince of Orange, by whom she had issue, William of Nassau, prince of Orange, afterwards king of England; 5. The Princess Elizabeth, who died a prisoner in Carisbrook castle, in the Isle of Wight, Sep. 8, 1650, in the 15th year of her age; 6. The Princess Anne, who died about three years of age, and, 7. The Princess, Henrietta Maria, born at Exeter, June 15, 1644, and married to Philip, duke of Anjou, afterwards duke of Orleans, by whom she had issue Anna Maria, married to Victor Amadeus, duke of Savoy, and king of Sardinia.

THE COMMONWEALTH.—1649. The commons in January passed an act, declaring it high treason to proclaim the prince, or any other person, king of England, without consent of parliament, and styled themselves the commonwealth of England. March 17, an act was passed for abolishing kingly government, and the house of peers.

1650. An act was passed June 26, constituting Oliver Cromwell captain-general of all the forces raised, and to be raised, by authority of parliament, within the commonwealth of England; with a power of granting, and altering the officers' commissions. July 22, Cromwell passed the Tweed, and invaded

Scotland, whereupon the Scots destroyed their country, and retired before him, till he came within sight of Edinburgh. Dec. 24, Edinburgh Castle surrendered to Cromwell, said to be the first time that ever it was taken.

1651. King Charles II. was crowned, Jan. 1, at Scone in Scotland, and again subscribed the covenant, and swore to promote it, and to establish the presbyterian religion, &c., in Scotland. Charles set up his standard at Aberdeen, and made duke Hamilton lieutenant-general. He put himself at the head of the Scotch army, consisting of 18,000 horse and foot, and encamped at Torwood. On July 31, Cromwell being now further northward than the Scotch army, the king suddenly decamped with the Scots, and marched for England; Argyle and many others of the army leaving him, and retiring home. Aug. 6, the king entered England by Carlisle, with an army of 16,000 men, Scotch and English, at the head of which he was proclaimed king of Great Britain. Sep. 3, the battle of Worcester was fought, where the king's forces were entirely routed, about 3000 of them killed, and 6000 or 7000 taken prisoners, with all their cannon, ammunition, and baggage; in this action, William, duke of Hamilton, was mortally wounded, taken prisoner, and died the next day. The king's standard and 158 colours were taken. The king himself, with the duke of Buckingham, the earls of Derby and Lauderdale, the lords Talbot, Wilnot, and about 50 horse, after the battle was lost, about seven in the evening, marched out of St. Martin's gate, Worcester, and arrived at White-ladies, twenty-five miles from Worcester about four the next morning; the earl of Derby and the other lords took their leave of his majesty, and left him to the care of the Pendrils (five brothers) who concealed him, in the night-time, in their barns, and in the day-time, in the woods, till he had an opportunity of making his escape farther. In these woods was a thick oak, within which his majesty often stood concealed, which from thence was called the Royal Oak. Sep. 12, Cromwell was met at Acton by the speaker and members of parliament, and the council of state, and rode in triumph into London, whither the Scotch prisoners were brought up, and sold to the West Indies for slaves. Oct. 15, after the king had wandered

about six weeks, from the house of one loyalist to another, he embarked near Brighton, in Sussex, with lord Wilmot, and arrived at Foscan, near Havre de Grace in Normandy, October 22. Hostilities commenced with the Dutch; an English man-of-war meeting with some Dutch fishermen, demanded the tenth herring, which they refused; the English sunk one of their ships, and all the men perished.

1652. There was an engagement, Oct. 28, between the English fleet under Blake, and the Dutch under De Witt, upon the coast of Kent, where the Dutch rear-admiral was taken, and two more of their men-of-war sunk, and they were driven home to their own coasts, without the loss of one English ship. Nov. 29, Van Tromp, with eight sail of Dutch men-of-war, fell upon Blake, who was riding with forty sail of English in the Downs; six of the English ships were taken and destroyed, and the rest drove into the Thames; after which Van Tromp sailed in triumph through the channel, with a broom at the topmast-head.

1653. A fight between the English and Dutch fleets, Feb. 18, 19, and 20, off Portland, where the English obtained a great victory, taking and destroying eleven Dutch men-of-war, and thirty merchantmen, out of 300 the Dutch had under their convoy: Van Tromp was admiral of the Dutch, and Blake of the English; generals Monk and Dean commanded under Blake in this engagement. April 20, Cromwell went to the house of commons with a guard, and turned out the members, and locking the doors, declared the parliament dissolved. April 22, Cromwell, with his council and officers, published a declaration, with reasons for dissolving the parliament, and authorizing all civil officers to proceed, as formerly, in the execution of their respective offices. June 2, the Dutch fleet under Van Tromp, and the English under general Monk, being about 100 men on a side, engaged off the North Foreland. At the first broadside, admiral Dean was killed with a cannon ball. The fight lasted two days, and the English obtained a great victory, taking and destroying twenty of the enemy's ships, and pursuing them to their own harbours. June 8, Cromwell issued his letters of summons to about 140 persons to appear at Whitehall July 4, to take upon them the ad-

ministration of the government. July 4, the persons summoned by Cromwell met in the council-chamber at Whitehall, to the number of 120. Cromwell produced an instrument under his own hand and seal, whereby he did, with the advice of his officers, devolve and entrust the supreme authority and government of the commonwealth into the hands of the persons met; and that they, or any forty of them, should be acknowledged the supreme authority of the nation. July 29, the English fleet under Monk and Blake, fought the Dutch, commanded by Van Tromp, upon their own coasts, and obtained a great victory, destroying thirty of the Dutch men-of-war, and Van Tromp himself was killed in the engagement with a musket-shot. This was the seventh and last fight between the two Commonwealths; all fought within little more than the compass of a year.

OLIVER CROMWELL. December 16, 1653, the council officers sent for the commissioners of the great seal, with the lord mayor and aldermen of London, and caused to be read a writing, called "The Instrument of Writing," and Cromwell was made protector. He was proclaimed in London and Westminster, and throughout England afterwards, with the same solemnity as the kings of England were heretofore.

1654. The Dutch ambassadors having audience of the protector, March 4, in the banqueting-house, acquainted him that all the provinces had consented to articles of peace, and desired a cessation of arms. September 4, Cromwell went to Westminster abbey, in the same state as the king used to go to the parliament house. The members having retired to the house, chose Mr. Lenthal their speaker, who had been speaker of the long parliament.

1656. A plot was discovered against the protector, Jan. 19. Miles Syndercombe, who had been cashiered in Scotland, conspired with one Cecil, and a troop of Cromwell's life-guard, to kill the protector; but Syndercombe was betrayed by the confederates, and condemned to die, the judges declaring it to be high treason by the common law, to conspire the death of any chief magistrate whether king or protector, and that the 25th Edw. III. was but the declaration of the common law.

1657. Cromwell was inaugurated in

his office of protector, June 26, in Westminster-hall. The ceremony was performed with great pomp.

1658. Cromwell being taken ill of a fever, Aug. 12, at Hampton Court, returned to Whitehall, where he died, Sept. 3, aged 60, having enjoyed the title of protector four years, eight months and eighteen days. On the day he died, there happened the greatest storm of wind that ever was known. He appointed his son Richard his successor.

RICHARD CROMWELL, the late protector's eldest son, was proclaimed lord protector, Sept. 4, 1658. He received the compliments of condolence and congratulation from the foreign ministers, and numerous addresses from all parts of England of the same tenor, with promises of adhering to his Highness with their lives and fortunes against all opposers. The late protector was buried with great pomp, Nov. 23, in Henry VII's chapel, in Westminster Abbey, after lying in state in Somerset house, at the expence of 60,000*l*. Richard called a parliament after the ancient form, Dec. 4, and summoned his house of peers, to meet Jan. 27, following.

1659. The officers petitioned the protector, April 6, desiring Fleetwood for their general, which was rejected. Desborough with a strong retinue, demanded an audience of the protector, and required him, in the name of the army, to dissolve the parliament, which if not speedily done, they threatened to fire the house, and kill all who should resist. By commission under the great seal, the parliament was dissolved, April 22, at which time Richard's authority was reckoned to expire. The officers seized the government, chose Fleetwood their general, and discharged several colonels. Fleetwood and the general officers of the army published a declaration, May 6, inviting the members of the long parliament to return to their seats in parliament, and exercise their former power. Lenthal the speaker, and several of the members of the long parliament met in the house of commons, May 7, to the number of about forty-one; but several of the members who were excluded in the year 1648, attempting to enter with them, they were stopped. The officers constituted a council of twenty-three men, Oct. 26, most of them general officers, to take upon them the exercise of the govern-

ment. Letters arrived that general Monk had summed a convention in Scotland, Nov. 17, and told them, he had a call from God and man to march into England, to settle the peace there; he required them to suppress all insurrections in his absence, and demanded money for his troops, which they promised to levy.

1660. King Charles II. was proclaimed in Ireland, May 14. His majesty being invited into Holland, May 16, by the States, came to the Hague from Breda. A committee of six lords and twelve commons attended the king at the Hague with an invitation to return and take the government of the kingdom into his hands. A deputation of the city of London attended his majesty at the same time, with assurances of their duty and affection.

CHARLES II. May 23, 1660, king Charles II. embarked at the Hague, for England, and arrived at Dover the 25th, where he was met by general Monk, whom he honoured with the order of the garter. The king went to the house of peers, Aug. 29, and having made a speech, he passed the act of indemnity; out of which most of the regicides, Sir Henry Vane, Lambert, and Hugh Peters, were excepted. The convention parliament was dissolved, Dec. 29, having first passed several acts for increasing the king's revenue, and another for establishing the post-office, &c.

1661. The new parliament met, May 8, and the king rode from his palace, Whitehall, attended by the nobility in their robes to Westminster abbey, and heard a sermon before he went to the house.

1662. The marriage between king Charles and the infanta of Portugal, was solemnized May 21, by Dr. Gilbert Sheldon, bishop of London, at Portsmouth. She was then about 24 years of age.

1664. War was declared against the Dutch. The duke of York returned from cruising, Dec. 4, having taken about 130 Dutch merchant-ships, and particularly their Bourdeaux fleet, as they were returning home, laden with wine and brandy, before the war was declared. This was sufficiently justified by the Dutch admiral, De Ruyter's falling upon our factories at Cape Verd, on the coast of Africa; his attempting the island of Barbadoes, and several other of the English plantations; and

the depredations of the Dutch in the East Indies, and on the high seas upon the English merchants, in the time of full peace.

1665. The plague broke out in London about April, and an order of council was issued, requiring the lord chief justice to take proper measures to prevent the spreading of the infection. June 3, the English obtained a victory over the Dutch, off Harwich, taking eighteen capital ships, and destroying fourteen more. Admiral Opdam was blown up with all his crew. The English lost only one ship, but several commanders and men of honour were killed in the action; amongst the rest, the earls of Falmouth, Portland, and Marlborough; lord Muskerry, and rear-admiral Sanson; and admiral Lawson died soon after of his wounds. September 28, the king and court arrived at Oxford. October 9, the parliament met at Oxford, and the king made a speech to both houses in the great hall of Christ church, desiring supplies for the war.

1666. The Dutch fleet, consisting of ninety sail, under the command of De Ruyter and Tromp, fell upon that part of the English fleet commanded by the duke of Albemarle, consisting of about fifty sail, June 1, who maintained the fight for three days, though the Dutch were joined by sixteen sail more, the second day. July 25, 26, the English and Dutch fleets engaged again, and the English gained a complete victory, destroying about twenty Dutch men-of-war, and driving the rest into their harbours. In this action the Dutch lost four of their admirals, besides 4000 other officers and seamen; and the loss on the side of the English is said to have been inconsiderable. September 2, the great fire of London broke out where the Monument now stands, which destroyed in the space of four days, eighty-nine churches, among which was the cathedral of St. Pauls, the city gates, the Exchange, Custom-house, Guildhall, Sion college, and many public structures, hospitals, schools, libraries, a vast number of stately edifices, 13,200 dwelling-houses, in all 400 streets. The ruins of the city were 436 acres, extending from the Tower along the Thames' side, to the Temple church, and from the north-east gate, along the city-wall to Holborn-bridge or Fleet-ditch.

1667. The Dutch sailed up the Med-

way, June 11, as far as Chatham, and made themselves masters of Sheerness, and burnt the Royal Oak, the Loyal London, and the Great James, with several other English men-of-war. They likewise burnt a magazine full of stores, to the value of £40,000, and blew up the fortifications, and retired with the loss only of two of their ships, which ran aground, and were burnt by themselves. The English, fearing their coming up to London bridge, sunk thirteen ships at Woolwich, and four at Blackwall. June 29, peace was concluded with the French, Danes, and Dutch, at Breda.

1668. Treaty of alliance concluded, Jan. 23, with the states-general against France, for the preservation of the Spanish Netherlands. Jan. 26, Sweden entered into the alliance with England and Holland, from whence it obtained the name of the triple league.

1672. A declaration of war published against the states-general March 17. The duke of York engaged the Dutch in Southwold Bay, May 28. In the beginning of the action the Dutch had some advantage by having the weather-gage; but in the evening they fled, and were pursued by his royal highness to their own coasts. The battle was very obstinately fought from morning to evening; several great ships and some thousands of men were destroyed, and among the rest the earl of Sandwich, admiral of the blue, whose ship was set on fire and blown up. The French lost their rear-admiral, monsieur De la Rabiniere; and the Dutch lost De Ghent, admiral of their blue squadron.

1674. A treaty of peace was signed by his majesty's commissioners at London, Feb. 9. with Spain and the states-general. Feb. 28, the peace with Holland proclaimed; by this peace the Dutch agreed to strike to the English in the British seas; to settle the commerce with the Indies, and that the English planters at Surinam (which the Dutch had possessed themselves of) should have liberty to sell their effects, and retire; and that the Dutch should pay the king of England £200,000 in lieu of the claims his majesty had on them.

1678. Titus Oates's plot. Aug. 11, Dr. Tongue, a physician, laid certain papers before the lord-treasurer Danby, pretending a conspiracy against his majesty's life, and the protestant religion, by the Jesuits, afterwards called the po-

pish plot. Sep. 6, Dr. Tongue and Titus Oates having drawn up a narrative of the plot, Oates made oath of the truth of the narrative, before Sir Edmondsbury Godfrey, a justice of peace of St. Martin in-the-Fields; but it was afterwards proved that he was perjured.

1681. The commons resolved Jan. 7, that until a bill was passed for excluding the duke of York, they could not give any supply without danger to his majesty, and extreme hazard of the protestant religion. March 28, the bill of exclusion was read the first time, and ordered a second reading; whereupon the king came to the house of lords, and having sent for the commons, he told them, he observed such heats amongst them, and such differences between the two houses that he thought fit to dissolve the parliament.

1683. The plot or conspiracy to assassinate his majesty at the Rye-house, in Hertfordshire, was discovered, June 14, by a letter from Joseph Keeling to Lord Dartmouth and secretary Jenkins. By Keeling's deposition, the conspirators were to seize the king and duke of York, and to massacre the magistrates of London, and the officers of state.

Nov. 21, colonel Algernon Sidney was brought to trial, for high treason, and convicted: he was condemned on the 26th, and on the 7th of December, was beheaded on Tower-hill, glorying that he died for the good old cause in which he had been engaged from his youth.

1685. His Majesty, king Charles II. died at Whitehall, February 6., in the 55th year of his age, and the 37th of his reign, about 25 years after his restoration, and was buried in Westminster Abbey. He had but one wife, Catharine, infanta of Portugal, who survived him many years. He had no issue by her, but his natural children were numerous.

The natural issue of king Charles II. were as follows:—James, duke of Monmouth his eldest son (by Mrs. Lucy Walters), born at Roiterdam, in Holland, 1649, married to the sole daughter and heiress of Francis, earl of Buccleugh, in Scotland; Mary, his natural daughter, by the said Mrs. Lucy Walters, married first to Mr. William Sarsfield, of the kingdom of Ireland, and afterwards to William Fanshaw, Esq.; Charlotte Jemima Henrietta Maria Boyle, alias Fitzroy, his daughter by Elizabeth, viscountess Shannon, married first to

James Howard, Esq., grandson to the earl of Suffolk, and afterwards to Sir Robert Paston, Bart., created earl of Yarmouth; Charles, surnamed Fitz-Charles, by Mrs. Catharine Pegg, who died at Tangiers; a daughter also by Mrs. Pegg, who died in her infancy; Charles Fitzroy, duke of Southampton, his eldest son by Barbara Villiers, daughter and heir to William Villiers, viscount Grandison, and wife to Roger Palmer, earl of Castlemain, who was created baroness of Nonsuch, countess of Southampton, and duchess of Cleveland, with remainder to Charles and George Fitzroy, her sons, and their heirs male respectively; Fitzroy, duke of Grafton, his second son by the said Barbara Villiers; George Fitzroy, duke of Northumberland, his third son by the said Barbara; Charlotte Fitzroy, his daughter by the said Barbara, married to sir Edward Henry Lee, of Ditchley, in the county of Oxon, afterwards created earl of Litchfield; Charles Beauclair, duke of St. Albans, his son by Mrs. Eleanor Gwyn, the player, who refused all titles of honour; Charles Lennox, duke of Richmond, his only son by Louisa Queroualle, a French lady, maid of honour to the duchess of Orleans, the king's sister, afterwards created duchess of Portsmouth; Mary Tudor, his daughter by Mrs. Mary Davis, married to Francis, lord Radcliffe, son and heir of Francis, earl of Derwentwater, whom he succeeded in that honour.

JAMES II. February 6, 1685, James II., the third, but only surviving son of king Charles I., and brother and heir to king Charles II., succeeded to the crown, and was proclaimed with the usual solemnity. May 8, Titus Oates, the author of the pretended popish plot, was tried on two indictments for perjury, and convicted. June 11, the duke of Monmouth landed at Lyme, in Dorsetshire, with about 150 followers, and arms for 5,000 more. He published a declaration reviling the king, and charging him with introducing popery and arbitrary power. June 18, the duke of Monmouth having increased his forces to about 3,000 men, took possession of Taunton Dean. June 20, the duke was proclaimed king at Taunton. June 21, the duke marched to Bridgewater, his army being increased to 5,000 men. He was there proclaimed king, and marched towards Bristol; but

hearing of the king's army advancing towards him, he retired back to Bridgewater, and defeated a body of the king's horse quartered at Philips Norton. June 22, the duke of Monmouth published a declaration setting a sum of 5,000*l.* on king James's head; and another declaring the parliament of England a seditious assembly, and the duke of Albemarle a traitor. July 6, the duke of Monmouth was defeated by the earl of Feversham and lord Churchill at Sedgemoor, near Bridgewater, in Somersetshire. July 15, the duke was beheaded on Tower-hill. He was about 36 years of age. August 37, Lord chief justice Jefferies was sent into the west with four other judges to try the rebel prisoners. At Dorchester Jefferies condemned twenty-nine, who were immediately executed. In another place 200 persons were indicted, and four score were executed; in all, 500 were condemned, and 200 of those were executed, and their quarters set up in the highways. Many purchased their lives of the judge; and one Mr. Prideaux alone gave him 14000*l.* for his life. Major General Kirk, who was sent down with the judge, committed many cruelties. He caused 19 persons to be executed at Taunton without any trial, with the drums, &c. playing at the time of execution. In the same town, whilst at dinner with his officers, he ordered 30 condemned persons to be executed while he was at table. October 11, Colonel Talbot was made earl of Tyrconnel, and lieutenant-general of the Irish army. He had no sooner arrived in Ireland than he began breaking the protestant officers and soldiers, and putting Roman catholics in their places. Two or three hundred English who had laid out fortunes in purchase of their posts were arbitrarily disbanded.

1686. The earl of Tyrconnel having modelled the Irish army according to the king's mind, came to England, February 12, and was appointed lord lieutenant of Ireland, in the room of the earl of Clarendon. Things were carried to such extremes against the protestants in Ireland, that many English merchants withdrew their effects.

1687. The king sent his mandate to Magdalen college, Oxon, April 11, to elect Mr. Anthony Farmer president, who had promised to become a papist, which they rejected, and selected Dr. Hough, who was chosen by a great ma-

majority. The bishop of Winchester swore him in, and admitted him to his office.

1688. The prince of Orange, afterwards William III., in order to concert measures for the English protestants, assembled his army at Nimeguen, September 10; and, under colour of electing an archbishop of Cologne, encamped an army, and prepared a fleet. September 21, the king published a declaration, setting forth that he intended a legal establishment of liberty of conscience; that he would inviolably preserve the church of England; and that he was content that the Roman catholics should remain incapable of being members of parliament. September 23, the king received certain intelligence that the preparations of the Dutch were intended against England. He put Portsmouth and Hull under the government of papists, and took care to have the majority of officers and soldiers in those garrisons of the Romish religion. October 19, the prince of Orange set sail from Holland, with about 50 men of war, 300 transports, and about 14,322 land forces on board, accompanied by the earls of Shrewsbury and Macclesfield, and several other English gentlemen of quality; but they were driven back by a storm. November 1, the prince of Orange, with the Dutch fleet, set sail again, and on the 5th landed with his forces at Torbay, in Devonshire. November 3, the prince's fleet entered the channel and passed the gun-fleet in a foggy day; the English could not weigh their anchors, and were kept in by easterly winds. The prince of Orange published a letter to the officers of the English army containing his reasons for undertaking the protestant cause. He also sent one to the fleet. November 22, the king published a proclamation of pardon to all that had deserted him, provided they would quit the prince of Orange's service again in twenty days. December 10, the king embarked for France, accompanied by sir Edward Hales, Mr. Sheldon, and a Frenchman. He sent orders to the earl of Feversham to disband the army.

1689. Both houses agreed Feb. 7, that the prince and princess of Orange should be king and queen of England; but the sole and regal power should be in the prince, only in the name of both; it was carried in the house of lords by two or three voices only.

King James reigned three years nine months, and eleven days. Married first Anne, eldest daughter of Edward Hyde, earl of Clarendon, lord high chancellor of England, Nov. 24, 1659, by which lady, (who lived not to be queen, but died March 31, 1671,) he had eight children, two only of whom survived. Mary, afterwards queen Mary I., Anne, afterwards queen Anne.

King James II. married secondly, Nov. 21, 1673, Mary Beatrix Eleanora d'Este, daughter of Alphonso, second duke of Modena (who survived him, and died May 8, 1718,) and by whom he had issue, James Francis Edward, born June 10, 1688. After his father's death he was proclaimed at Paris king of England, and was designated in England by the name of "The Pretender;" married 1719, Mary Clementina, daughter of prince James Sobieski, and granddaughter of John Sobieski, king of Poland; died June 1, 1766, leaving issue two sons: 1. Charles Edward Louis Casimer, (commonly called the Chevalier St. George, or, in England "The Young Pretender,") born Nov. 1720. 2. Henry Benedict, (called the Cardinal York,) born March 25, 1728; elevated to the purple by Pope Benedict XIV., 1747; died 1807, when the whole issue of king James II. became extinct.

WILLIAM AND MARY. 1689. The princess of Orange having arrived at Whitehall, from Holland, Feb. 12; both houses attended the prince and princess with a declaration asserting the rights and liberties of the subject. The prince refused the crown, unless the power, as well as the name of king, was conferred upon him, to which the house consenting, William Henry, and Mary, prince and princess of Orange, were proclaimed king and queen with the usual solemnity.

1691. King William went over to Holland, Jan. 16, attended by the dukes of Norfolk and Ormond, the earls of Devonshire, Dorset, Essex, Nottingham, Scarborough, and Selkirk, the bishop of London, and many other persons of quality; and after encountering a severe storm, on the 21st arrived at the Hague. The king made his triumphal entry at the Hague the 26th, and was complimented and congratulated on his narrow escape. He took his seat as Stadtholder in the assembly of the States. King William placed himself at the head

of the confederate army in the Netherlands, in order to relieve Mons, April 9.

1693. The confederate army commanded by the king, was entirely defeated by the French, July 29, under the command of Luxemburgh at Landen. The French, under the command of Monsieur Catinat, defeated the confederates under the command of the duke of Savoy and prince Eugene, at Marsiglia, near Turin. Duke Schomberg, who commanded the troops of England, was mortally wounded and taken prisoner. This was the first battle where the foot charged with bayonets on their loaded muskets, to which stratagem the success of the French in this battle was attributed. Soon after this action pikes were laid aside, and bayonets used in their room, all over Europe. The parliament of England met, and king William made a speech, wherein having mentioned the defeats the confederates had met with by land, and the miscarriages and losses at sea; he imputed the first to the superior number of the enemy, and assured them the other should be enquired into. He acquainted them also, that there was a necessity of increasing their forces by sea and land, and desired suitable supplies.

1694. The queen was taken ill of the small-pox, at Kensington, Dec. 21; she died, Dec. 28, aged 33, in the 6th year of her reign.

WILLIAM III. Dec. 31, 1694, the lords and commons waited on the king with an address of condolence, upon the death of his queen, which was followed with an address from other parts of the kingdom.

1695. The parliament of Scotland met, May 4, the marquis of Tweedale being his majesty's high commissioner. In this parliament the massacre at Glencoe one of the greatest stains on the character of William III, was enquired into. The castle of Namur capitulated to the confederates, Sept. 2, and the garrison marched out, when marshal Boufflers was arrested, to procure satisfaction of the French king for the garrisons of Dixmude and Deinse, whom he detained prisoners contrary to the cartel. Boufflers was carried to Maestricht, but soon after released on his parole of honour given, that the garrisons of Deinse and Dixmude should be sent back. The confederates did not lose less than 12,000 men before Namur.

1697. King William had an interview with the Czar Peter I, emperor of Russia, June 26, who in disguise had accompanied his ambassadors to Holland, where he discovered himself to king William. The peace was signed at Ryswick, between France, England, Spain, and Holland; and ratified by king William at Loo the 15th. By the treaty between France and Spain, France was to restore to the king of Spain, Barcelona, Roses, Girone, and all that had been taken this war in Catalonia; as also Luxemburg, Mons, Charleroy, and all other towns in the Low Countries, as well as in America.

1700. The long expected death of Charles II. king of Spain, happened Nov. 1; he died in the 39th year of his age, and the 36th of his reign; and having been provoked by the partition of his dominions by the English and Dutch, he made his will the preceding month, and disposed of his crown to Philip duke of Anjou, second son to the dauphin of France; and in case he died without issue, or the crown of France should descend to him, Spain to pass to the duke de Berri, his youngest brother; and in case he died, &c., or France descended to the duke de Berri, then Spain to go to the archduke Charles; then to the Duke of Savoy, without any partition or dismemberment of the monarchy.

1701. It was resolved in parliament, March 12, that England should not be bound to engage in a war for the defence of the foreign dominions of any succeeding monarch; that future kings should join in communion with the English church; that no sovereign of England should quit his dominions without consent of parliament; that after king William and princess Anne the crown should be limited to Sophia of Hanover, and the heirs of her body, being protestants. A protest was put in by the duchess of Savoy, daughter of princess Henrietta, duchess of Orleans (who was youngest daughter of Charles I.), and next in blood to the British crown, against altering the succession. July 15, an alliance was formed between king William, the king of Denmark, and the States, whereby the Danes engaged to furnish 3,000 horse, 1,000 dragoons, and 8,000 foot, on receiving a subsidy of 300,000 crowns per annum during the war. The British fleet consisted of 48 ships, be-

sides frigates, &c., which was ready at Spithead, under the command of Sir George Rooke. Sept. 16, King James II. died of a lethargy at St. Germain en Laye, near Paris, aged 68. James Francis Edward, immediately on the demise of James, was, by the king of France, proclaimed monarch of England, &c., by the name of James the third. King William, in consequence, commanded the earl of Manchester, his ambassador at Paris, to return to England, and ordered Monsieur Poussin, the French secretary, to depart from Great Britain. December 30, King William, in a speech to parliament, stated that the setting up the prince of Wales was not only an indignity offered to himself, but concerned every man who regarded the protestant succession; that the French king had made himself master of the Spanish monarchy, which would affect British trade abroad, and peace and security at home; to guard against which, he had entered into alliances which he trusted parliament would enable him to make good.

1702. King William, while riding from Kensington towards Hampton Court, February 26, was thrown from his horse, and dislocated his right collar bone, upon which he was transported to the latter palace, where the bone was set; after which, he, the same evening, returned to Kensington. March 8, King William expired at Kensington, about eight o'clock in the morning, in the 52d year of his age, and the fourteenth of his reign, and was interred in Henry the Seventh's chapel, Westminster. He was posthumous son of William, prince of Orange, by princess Mary, eldest daughter of Charles I. On the 4th of November, 1677, he espoused his first cousin, princess Mary, eldest daughter of James, duke of York, afterwards James II. Mary died December 28, 1695, by whom he left no issue; neither does it appear William had any natural offspring.

ANNE. March 8, 1702, Anne, second, and only surviving daughter of James II., succeeded to the English throne, being the twenty-ninth sovereign from the Norman conquest. April 23, being St. George's day, Queen Anne was crowned at Westminster. May 4, the queen of England, the emperor, and the States, declared war against France and Spain. May 25, by an act of parliament her Majesty's person and succession to the crown in the protestant line

were rendered more secure, in order that the hopes of the Pretender and his abettors might be altogether extinguished. An act was passed obliging the Jews to provide for their protestant children. July 9, the States gave the command of their forces to Marlborough, who compelled the French troops to evacuate Spanish Guelderland. Oct. 8, Admiral Sir George Rooke, and the confederate fleet, attacked the French under Chateaurenard, and the Spanish galleons, in the port of Vigo, while Ormond landed his troops, attacking the castle, and securing the harbour. The English captured four galleons and five men of war, and the Dutch five galleons and one man of war; six galleons and fourteen men of war being also destroyed, with immense riches.

1703. The allied forces under general Opdam, June 30, were surrounded by the French under Boufflers, at Eckeren, when the former fled to Breda. The other Dutch commanders, however, stood firm, on which occasion there was a great slaughter on both sides; and night coming on, the French retired. The elector of Bavaria invaded the Tyrol, to open a communication with the French in Italy, but the Imperialists having made a division in Bavaria, the former was obliged to retire for the defence of his territories. November 26, during the night, commenced the most dreadful tempest ever known in England.

1704. The Act of Security was passed in Scotland, July 6, whereby it was specified, in case of the queen's death, without issue, that the states of that kingdom should have power to name a successor, provided such person was not the successor to the English crown. For security against England, they also enacted that all the protestant heritors and the burghs should provide themselves with fire-arms for such as were protestants, and that they should be disciplined once a month. August 5, the allies, under prince Eugene and Marlborough, fought the French and Bavarians, under marshal Tallard, at Blenheim, near Hockstet, where the former gained a signal victory, the latter losing 40,000 in killed, wounded, and drowned in the Danube, with 13,000 prisoners. See **BLenheim**.

1707. During the month of March it was settled that the peers of Scotland should sit in the upper house, and 45 Scottish commoners in the lower house.

That all the Scotch peers were to rank as British peers, and enjoy the same privileges and immunities, except sitting in the house of lords, and on the trial of peers. The churches of England and Scotland were confirmed in their several rights and privileges, as fundamental and necessary conditions of the union.

1709. Preliminaries were arranged between the combined powers and France, April 28, whereby the latter acknowledged king Charles the Third for king of Spain, and surrendered up all the Spanish possessions to the house of Austria. In case of the refusal on the part of king Philip, the allies were then to concert measures for securing the full execution of that article, the French monarch agreeing to withdraw his troops from the Spanish territories within two months. The French equally agreed to put Strasburg, Barissac, &c. into the hands of the emperor; to acknowledge queen Anne of England, and the protestant succession, and to demolish Dunkirk. In addition to which, Namur, Mons, Charleroy, Luxemburgh, Furnes, Menin, Lisle, Ypres, Douay, Tournay, Condè, and Maubeuge, in the Netherlands, were also to be relinquished to the allies. These pacific measures were, however frustrated.

1712. Richard Cromwell, who succeeded Oliver in the protectorate of England, died at Cheshunt, in Hertfordshire, July 12, aged 90 years. July 17, a cessation of arms between Great Britain and France was proclaimed in the duke of Ormond's camp, and that of the French on the same day. The British forces, under the duke of Ormond, marching towards Dunkirk, were denied entrance into Bouchain and Douay by the Dutch in which last place was the English hospital. In consequence, the duke directed his march towards Ghent and Bruges, of both which places he took possession, and, on the 23d, sent six battalions to reinforce the garrison of Dunkirk.

1713. The chief preliminary articles of the peace between Great Britain and France were entered into April 10, for the security of the protestant succession, the disuniting the French and Spanish crowns, the destruction of Dunkirk, the enlargement of the British colonies and plantations in America, and fully satisfying the claims of the allies. The primary articles between France and Savoy

stipulated the cession of Sicily to the duke of Savoy, thus giving the latter a defence against France, as well as the limitation of the crown of Spain to the duke of Savoy, on failure of heirs to king Philip. July 13, Great Britain and Spain signed the treaty of peace at Utrecht, where that between Spain and the duke of Savoy was also ratified.

1714. Died June 8, in the 84th year of her age, princess Sophia, electress and duchess dowager of Hanover. Princess Sophia was fourth daughter of Frederick, king of Bohemia, and Elizabeth of England, daughter of James the First. She was born at the Hague in 1630, and married in 1658, to Ernest Augustus, duke of Brunswick and Lunenburgh.

July 29. The queen, was seized with a dangerous illness. August 1, Queen Anne died a little after seven in the morning, in the 50th year of her age, and the 13th of her reign. She was second daughter of James, duke of York, afterwards James the Second, by his first wife, lady Anne, daughter of Edward Hyde, chancellor of the exchequer, and afterwards lord chancellor of England. She was married on the 28th of July, 1683, to prince George of Denmark, second son of Frederick the Third, king of Denmark, and had issue by that prince a daughter, still-born, on the 12th of May, 1684; the lady Mary, born at Whitehall, who died in 1685; lady Anne Sophia, whose death occurred in 1686; William, duke of Gloucester, born in 1689, who attained his eleventh year; the lady Mary, born in 1690, who expired shortly after; and prince George, another son, born the 17th of April, whose dissolution occurred immediately after his birth.

GEORGE I., duke of Brunswick Lunenburgh, and elector of Hanover, succeeded to the crown of Great Britain on the death of queen Anne, May 1, 1714, according to the various acts of parliament for securing the protestant succession, being thirtieth monarch of England from the Norman conquest. He was the eldest son of Ernest Augustus, bishop of Osnaburgh, duke of Hanover, and elector of Brunswick Lunenburgh, by princess Sophia, daughter of Frederick the Fifth, elector palatine, and king of Bohemia, and the princess Elizabeth, daughter of James the First of England. September 16, George the First, and the prince, his son, embarked for Eng-

land, and arrived at Greenwich on the 18th. He was received by the duke of Northumberland, captain of the life-guards, and the lord chancellor Harcourt, at the head of the lords of the regency. October 20, George the First was crowned at Westminster, with all the usual solemnities, when several people were killed in the procession, and many dangerously wounded by the falling of scaffolding in palace yard.

1715. The Pretender was proclaimed king by the earl of Mar, September 3, who assembled his forces at Aboyne, in Aberdeenshire, and erected his standard upon the 6th. On the 9th, the duke of Argyle was appointed commander in chief of the forces in Scotland, and set out for that kingdom, where he arrived on the 14th. October 6, the general of the Pretender's forces, Mr. Forster, assembled his army at Greenrig, in Northumberland, upon which the English government sent a body of troops to guard Newcastle. On the 19th, the lord viscount Kenmure, the earl of Derwentwater, the earls of Nithisdale, Carnwath, and Wintoun, joined Mr. Forster, with 2,000 Scotch horse they had raised in Nithisdale and the west of Scotland. November 13, the battle of Sheriff Muir was fought in Scotland. General Willes was joined by general Carpenter, with 800 dragoons, when lord Derwentwater, conceiving it impossible to resist such accumulated forces, proposed a capitulation without the consent of the other rebel leaders. Nov. 30, the duke of Argyle having advanced within eight miles of Perth, the rebels immediately abandoned that place, and passed over the river Tay upon the ice.

1716. The earl of Derwentwater and viscount Kenmure were beheaded on Tower-hill, February 24. General Cadogan, in April, completed the reduction of the Highland clans and the rest of the Scottish insurgents, who laid down their arms and sued for mercy. July 7, the prince of Wales having been appointed guardian to the kingdom, George the First set out from St. James's, and landed in Holland on the 9th, through which country he passed incognito, and arrived at Hanover on the 15th, from whence he set out to drink the waters at Pyrmont.

1717. King George the First landed at Margate, from Holland, January 18.

1718. The treaty of alliance, July 22,

between the emperor, Great Britain, and France, to settle the terms of peace between the emperor and the king of Spain was signed this day. The chief design of which was, to guarantee the succession in Great Britain and France, and to settle the partition of the Spanish monarchy.

1726. Sophia Dorothy, queen of England, died November 2, at the castle of Ablen, in the electorate of Hanover, where she had been confined for many years. She was only daughter of George William, duke of Brunswick Zell, was born in 1666, and married George Louis, elector of Hanover, afterwards king of Great Britain, by whom he had issue, George Augustus, king of Great Britain, born October 30, 1683, and Sophia Dorothy, born March 1685, who was married to the late king of Prussia, in 1706.

1727. Articles for a general pacification were signed at Paris, May 20, by the ministers of the emperor, the king of England, the king of France, and the States General. By that treaty his imperial Majesty agreed that every species of trade from the Austrian Netherlands to the East Indies should be suspended for seven years, and that all privileges of commerce which the English and French nations, and the subjects of the States General had previously enjoyed, as well in Europe as in the Indies, should be restored to the same usages and regulations as had been stipulated between each of them by treaties antecedent to the year 1725.

June 10, George I. died at Osnaburgh in Germany, in the night between the 10th and 11th of June, aged 67. Married Sophia Dorothy, daughter and sole heiress of George William, duke of Zell and by her (from whom he was divorced, and who died November 13, 1726) had issue, 1. George Augustine, prince of Wales, afterwards George II.; 2. Sophia Dorothea, born March 16, 1685, married November 28, 1706, Frederick William, afterwards king of Prussia; 1706, created duke of Cambridge, &c. October 5. Princess Sophia, his queen, mother of George II. died June 8, aged 83.

GEORGE II. June 14, 1727, a courier arrived with the intelligence of the death of his Majesty, George the First, when a proclamation was drawn up announcing his Majesty George the Second

as king of these realms, who caused the members of the late cabinet to be sworn of his own privy council. 15th, the king was proclaimed in the court before Leicester-house, and afterwards at Charing-cross, Temple-bar, Cheapside, and the Royal Exchange, by the title of George the Second, king of Great Britain, France, and Ireland, defender of the Faith, and so forth, being the thirty-second monarch from the Norman conquest. The lord high chancellor then resigned the great seal into the king's hands, which his Majesty was pleased to redeliver to him, upon which his lordship took the oath of lord chancellor; the lord Trevor, lord privy seal, the duke of Newcastle, secretary of state, and lord viscount Lonsdale, constable of the tower, likewise took the oaths. 19th, the king was also proclaimed at Edinburgh and Dublin.

1740. Upon the death of the emperor Charles the Sixth, October the 20th, his eldest daughter, Maria Theresa Walpurge, married to the duke of Lorraine and Tuscany, was proclaimed queen of Hungary and Bohemia, princess of Transylvania, archduchess of Austria, and universal successor to all the hereditary dominions of the house of Austria, in pursuance of the Pragmatic sanction made by the late emperor, in the year 1713, which was guaranteed by Spain in 1725, then by England, and soon after by the United Provinces in 1731; by the diet of the empire, 1732; and by France, Savoy, and Spain, a second time, in 1739. This succession was disputed by the kings of Spain and Poland, while the elector of Bavaria founded his pretensions on the will of Ferdinand the First, who had married his eldest daughter to the duke of Bavaria. The king of Prussia also pretended to an indisputable right to certain provinces in Silesia. This conflict created a sanguinary struggle, called "the seven years' war," in which Great Britain and most of the other powers of Europe were engaged, the issue of which answered to the magnanimity and heroism displayed by the illustrious Maria Theresa. Her right was ultimately acknowledged and confirmed by the treaties of Breslau, Dresden, and Aix-la-Chapelle.

1743. A desperate battle was fought, June 16, between a body of the forces commanded by his Majesty in Germany, and the French, under M. Noailles, near

Dettingen, when victory was declared in favour of the Hessians and Hanoverians. The king of England was in the heat of battle the whole time, in perfect safety, and the duke of Cumberland received a wound in the leg. The French had 3,000 men killed, besides a great many prisoners, amongst whom were numerous field officers. The allies had nearly 1,500 killed, and among them general Clayton, who was much regretted. Universal rejoicings were subsequently testified in all parts of London for his Majesty's success in Germany.

1745. The number of forces voted to be employed in Flanders for this year was 28,107, being 7,000 more than the year preceding. The number and amount of prizes taken from the 1st of March, when war was declared against France, to the 1st of April, 1745, were 695 vessels, valued at 4,924,000*l.*, of which 286 were captured by privateers. April 30, a battle was fought between the allied armies and the French, at Fontenoy, when the former were defeated, with great slaughter, losing 12,000 men, owing to the cowardice of the Dutch.

Aug. 30, while the king was at Utrecht an express arrived, stating that several persons of distinction had joined the Pretender, whose son had set up his grand standard on the 11th, and published a manifesto, in which he took the title of Carolus Princeps Custos Pregni. September 4, a detachment of the rebels took possession of Perth, and proclaimed the Pretender the same evening. The young chevalier also granted passes to people journeying from Perth, couched in these words; "Charles, prince of Wales, and regent of Scotland, England, France, and Ireland, and of the dominions belonging thereto." 21st. Early in the morning about 1,000 Highlanders peaceably entered Edinburgh. Soon after, their commander arrived, in a Highland habit, and proceeded to Holyrood palace, where he changed his dress, when the pursuivants being sent for, and clothed, proclaimed the Pretender. The king's troops were defeated, and Sir John Cope, with 450 dragoons, retired to Lander. November 18, the rebels entered Carlisle, the Pretender being then six miles from that place. 25, His royal highness the duke of Cumberland set out from St. James's to take the command of the royal army on its march towards Lancashire.

1746. The arrival of the duke of Cumberland at Edinburgh, January 29, animated the royal army, and struck the rebels with terror and confusion. April 16. This day the battle of Culloden was fought, when the duke of Cumberland obtained a complete victory. See CULLODEN.

The greatest part of the rebel chiefs were killed or captured, and the young Pretender was wounded, who fled by Inverness, being pursued by the light horse. June 28, trial of three rebel lords, prisoners in the Tower, the earl of Kilmarnock, the earl of Cromartie, and lord Balmerino. They proceeded, under a strong guard, to Westminster-hall, where the trial took place, August 12. The young Pretender, with a few of his deluded followers, escaped from the isle of Uist, in an Irish vessel, and another ship of the same nation landed several of the rebels at Morlaix in France. August 18, the execution of the earls of Kilmarnock and lord Balmerino took place. See BALMERINO. Lord Kilmarnock was executed first. The earl of Cromartie was pardoned.

1747. Lord Lovat was executed, April 9. As soon as he came upon the scaffold, he asked for the executioner, and presented him with ten guineas in a purse, then desiring to see the axe, he felt the edge saying, "He believed it would do;" and after saying a short prayer, and throwing his handkerchief on the floor as a signal, the executioner, at one blow, severed his head from his body.

1748. A courier arrived from Aix-la-Chapelle, October 21, with an account that the plenipotentiaries of his Catholic majesty had acceded on the 20th instant, to the definitive treaty of peace; that of the empress queen arrived on the 23rd; the duke of Modena's on the 25th; and those of the Sardinian and Genoese plenipotentiaries soon after completed the treaty of Aix-le-Chapelle.

1752. New Style adopted in Britain. See STYLE. In 1755, Lord Clive obtained Bahar and Orissa in Bengal. See EAST INDIES. In 1759, battle of Quebec, death of Wolfe. See QUEBEC.

1760. Between seven and eight o'clock in the morning, October 25, King George the Second was suddenly seized at his palace at Kensington, with a violent disorder, when he fell speechless, and notwithstanding every medical aid, almost

immediately expired. His Majesty departed this life in his 77th year, and the 34th of his reign, beloved, honoured, and regretted by his subjects, for his many eminent and princely virtues.

GEORGE III., son of Frederick, prince of Wales, born June 4, 1738, created prince of Wales, 1751, succeeded his grandfather October 25, 1760, was proclaimed the next day. Married Sophia Charlotte, princess of Mecklenburg Strelitz, September 8, 1761, who was born May 19, 1744, and died November 19, 1818, and both were crowned September 22, 1761.

1763. Peace of Paris, Feb. 10. France ceded to England, Canada, Cape Breton, St. Vincent, St. Domingo, Tobago, and the coast of Senegal. Spain ceded Florida. In 1764, taxes were increased to the English Colonies of North America, which afterwards gave rise to the American war. In 1770, tax upon tea in North America.

1774. Revolt of the American Colonists began the latter end of this year.

1775. The two Houses of Parliament presented an address to his Majesty, February 9, condemning the conduct of the American colonies, and promising to stand by his Majesty in the maintenance of the just rights of the Crown. February 10, a bill to restrain the trade and commerce of Massachusetts bay, and New Hampshire, the colonies of Connecticut and Rhode Island, &c., and to prohibit such provinces and colonies from carrying on any fishery on the banks of Newfoundland; this bill created very animated discussions in the House, but was eventually carried by a very large majority in both Houses.

1775. The City of London presented an address, remonstrance, and petition, on the subject of American affairs, April 10, justifying the resistance of the colonies, and praying the dismissal of the ministers who advised coercive measures. April 19, a detachment of 900 men, under the command of lieutenant-colonel Smith, and major Pitcairne, marched to Lexington, where they found the militia of the town embodied, who, being ordered to disperse, and refusing, the detachment fired upon them, and killed eight of the militia, and wounded several; this was the first blood drawn in the unhappy contest between Great Britain and her American colonies. June 17, battle of Bunkers'-hill, in which major-general

Howe, and brigadier general Pigot, with 2000 troops, after a severe and sanguinary engagement, defeated the Americans; the works were carried, and the Provincials driven out; the loss of the king's troops in killed and wounded, amounted to 1045, of whom 226 were killed, of the latter were 19 commissioned officers, and 70 officers were wounded. During the contest, Charlestown was set on fire and totally consumed; the loss of the Provincials, as stated by themselves, amounted only to 450 killed, wounded, and missing. November 23, bill to prohibit all trade and intercourse with the revolted provinces during the continuance of the rebellion, also for repealing the Boston port bill, and the fishery restraining bills.

1776. The lord mayor, aldermen, and common council of the city of London, went in procession, May 22, from Guildhall to St. James's, and presented an address to his Majesty, praying a speedy termination to the war with America. July 4, the Congress of North America issued their declaration of independence, and published their articles of confederation and perpetual union between the thirteen United States, under the title of "The United States of America." See UNITED STATES.

1778. Lord North presented a conciliatory bill, February 19, with reference to the dispute with the American colonies, enabling his Majesty to appoint commissioners to treat with the colonies in rebellion, and giving the commissioners full power to treat of all matters whatever; to suspend, pro tempore, all the acts since the year 1763, and to declare a cessation of arms as soon as they shall land; to grant pardons to whomsoever they think proper, and to appoint governors, &c. March 13, the corporation of the city of London presented an address to his Majesty, deprecating the American war, and the manner in which it was carried on, and hoping that nothing might stand in the way of conciliatory arrangements with the colonies. June 17, the American Congress, after several debates upon the subject of the conciliatory proposition offered by the British commissioners, returned answer, that they were ready to enter into a treaty of peace and commerce, when the King of Great Britain should demonstrate a sincere disposition for that purpose, the only proof of which would be the explicit

acknowledgment of their independence, and the withdrawal of his fleets and armies.

1780. War of England against Hyder Ali. See EAST INDIES. Riots in London. See LONDON. England acknowledged the independence of the United States of North America, November 30, 1782. Peace of Versailles between England, and North America, France, and Spain, September 3, 1783; with Holland, May 20, 1784.

1794. Habeas Corpus Act suspended on account of disturbances in England. Lord Howe's victory, June 1. American minister received at Paris. Retreat of the British army in Flanders. Trial of John Horne Tooke, Thomas Hardy, and other members of the Corresponding Society, on a charge of high treason.

1795. The English took the island of Ceylon. The French entered Holland, and the Stadtholder arrived in England. Suspension of the Habeas Corpus Act continued. Warren Hastings acquitted. Mungo Park began his travels. Mobs and riots in various parts of England. Assault on George III.

1796. Irish Insurrection Act passed, English goods prohibited in France. French fleet destined to invade Ireland dispersed, after having touched at Bantrey Bay. Several victories at sea.

1797. Peace of Campo-Formio. Victory of St. Vincent, Feb. 14. Various petitions for the dismissal of ministers. Mutiny at Sheerness. Battle of Camperdown. Political discontent in England. Death of John Wilkes. Rebellion in Ireland.

1798. Rebellion in Ireland continued. A detachment of French landed in Ireland. Battle of the Nile. Income Tax imposed.

1799. Tipoo Saib conquered by the English. Division of Mysore. Buona-partie in Syria and Egypt. Sir Sydney Smith at Acre. Seringapatam taken. Expedition to Helder, and the Texel. Suwarrow's campaign. British and Russians leave Holland. Mr. Canning's first official appointment.

1800. The East India Company took possession of the Carnatic. Great scarcity of provisions. Peace of El Arisch, by which the French evacuated Egypt.

1801. Peace of Arcot, &c. The English took possession of Malta. Nelson before Copenhagen. Peace of Luneville. Union with Ireland. Expedition to

Egypt. Battle of Alexandria. Death of general Abercromby.

1802. Peace of Amiens. Execution of governor Wall for cruelty. Depard's conspiracy. 1803. War between France and Great Britain. Victories in India. 1805. Trial of Lord Melville. Battle of Trafalgar. Death of Nelson. See NELSON.

1806. Mr. Pitt died. Mr. Fox and his friends in office. British manufactures prohibited in America.

1807. Peace of Tilsit. Bombardment of Copenhagen. The Slave-trade abolished by the English parliament. Monte Video taken. Buonaparte declared Britain in a state of blockade. Change of the administration. Duke of Portland took office.

1808. Alliance with Spain and Portugal. Convention of Cintra.

1809. Retreat and death of Sir John Moore. Colonel Wardle's charges against the duke of York. Battle of Talavera. Mr. Perceval prime minister. Expedition to Walcheren. 1810. Sir Francis Burdett committed to the Tower.

1812. War between France and Russia. Retreat of the French, Oct. 18. War between England and North America. Mr. Perceval assassinated. Battle of Salamanca.

1813. All Europe took arms again to recover their independence. The English passed the Bidassoa, October 17, and entered France. Treaty of Valencia. William, Prince of Orange, recalled.

1814. Peace of Kiel, Jan. 14. Norway ceded to Sweden. Britain retained Heligoland. The allied Sovereigns entered Paris, March 31. Abdication of Napoleon, April 11. Louis XVIII. entered Paris, May 3. Ferdinand VII. entered Madrid, May 14. Peace between France and the allied Sovereigns, May 30. France confined within her frontiers, as at January 1, 1792. Hanover made a kingdom, October 26. Congress of Vienna, Nov. 3. Indictment of Lord Cochrane and others.

1815. Napoleon Buonaparte returned to France, March 1. Battle of Waterloo, June 18. See WATERLOO. Paris surrendered the second time, to the allied Powers, July 3. Louis XVIII. made his second entry, July 8. Buonaparte banished to St. Helena, Aug. 12. The holy alliance concluded between the emperors of

Austria and Russia, and the king of Prussia, Sept. 26. Foundation of the republic of the Ionian Islands, Nov. 5. Peace between the allied Powers and France, Nov. 20; the frontiers to remain as in 1790. Riots about the corn laws. Embassy to China. Lord Cochrane escaped from the King's Bench prison, and voted in parliament.

1816. Algiers bombarded by the fleet under Lord Exmouth. The captives set free, Aug. 27. See ALGIERS. Riots in London. Spafields meeting, Nov. 15, at which Hunt harangued the populace.

1817. Disturbance in various parts of England. Habeas Corpus Act suspended. Cash payments resumed at the Bank. Princess Charlotte died. Abolition of the slave trade by France, Spain, and Holland.

1818. Negotiation between the allied Powers and France, concerning indemnities, April 25. Congress of Aix-la-Chapelle. Evacuation of the French territory. Distress of the disbanded seamen.

1819. Discontent in the manufacturing districts of England. Southwark bridge opened.

King George III., after a reign of 59 years, 3 months, and 7 days, (being 3 years longer than that of Henry III., and 8 years longer than Edward III.,) died at Windsor, Jan. 29, 1820, and was buried at Windsor. See GEORGE III.

GEORGE IV., eldest son of George III., born Aug. 12, 1762. Appointed regent, 1811. Succeeded his father, George III., Jan. 29, 1820. July 5, act of accusation against the Queen of England; her trial, August. See CAROLINE.

1821. Coronation of George IV., July 19. Queen Caroline died August 7. George IV. visited Dublin, October 10, public entry of George IV. into Hanover. Catholic Bill passed the Commons; lost in the lords. See CATHOLICS.

1822. Great distress in Ireland. George IV. visited Scotland. Death of Lord Castlereagh.

1823. The government of Great Britain sent consuls to the new states of South America, Oct. 30. London Bridge ordered to be rebuilt. See BRIDGE.

1824. Jan. 21, the English troops defeated by the Ashantees. March 5,

Lord Hastings, the governor-general of India, declared war against the Burmese. April 30 till May 9, disturbance in Lisbon; departure of Prince Miguel. May 5, English took Rangoon. June 16, commercial treaty between Great Britain and Denmark. July 22, peace between Great Britain and Algiers. The English drove the Ashantees from Cape Coast Castle. Nov. 19, hurricanes on the coasts of England, Holland, Denmark, Sweden, and Russia. Inundation of Petersburg. Chancery Commission appointed. Mechanics' Institutions began. Union of the Scotch dissenters. Catholic rent collected.

1825. Communication by Mr. Canning of the intention of Great Britain to negotiate treaties of commerce with the governments of Colombia, Mexico, Buenos Ayres, &c., upon the basis of recognition of their independence respectively. Feb. 2, treaty of commerce concluded at Buenos Ayres between Great Britain and the united provinces of Rio de la Plata. February 28, convention concluded between Russia and Great Britain, for the freedom of navigation, the commerce, and fishery on the Pacific Ocean, and the frontiers of the north-west coasts of America. April 18, treaty of amity, commerce, and navigation concluded between Great Britain and Colombia.

1826. Commercial distresses. Bill brought in to prohibit the circulation of small notes after Feb. 5, 1829. Exception in favour of the Bank of England. Bill brought into the House of Lords to enable private banks to have an unlimited number of partners; clause introduced authorizing the Bank of England to establish branch banks. Hostilities carried on with the Burmese. Military operations in the neighbourhood of Prome. Defeat of the Ashantees.

1827. Illness and death of the duke of York. Succeeded by the duke of Wellington in the command of the army. Illness of the earl of Liverpool. Mr. Canning was made prime minister. Coalition with the Whigs. Death of Mr. Canning. See CANNING. Formation of a new ministry under Lord Goderich. Changes in the cabinet.

1828. Duke of Wellington appointed first lord of the treasury, Jan. 25, and formed a new ministry. Mr. Goulburn, chancellor of the Exchequer; Mr. Peel,

secretary to the Home Department; Mr. Harris, master of the Mint; the earl of Aberdeen, chancellor of the duchy of Lancaster. Repeal of the Corporation and Test Acts.

1829. Bill for suppressing the Catholic Association; voluntary dissolution of the same. Mr. Peel introduced the Catholic Relief Bill, March 5. Bill passed the Commons, March 30. Bill passed the Lords, April 10. See CATHOLICS.

1830. Death of George IV. at Windsor, June 26, who was there buried. Succeeded by his next surviving brother.

William IV., third son of George III., born August 21, 1765; succeeded his brother, George IV., June 26, 1830. The session of parliament opened by the king in person, Nov. 2. The duke of Wellington and Sir Robert Peel in the house of Lords and Commons respectively announced the resignation of the ministry, Nov. 22; the king commissioned Earl Grey to form a new administration.

1831. The ministerial measure for parliamentary reform introduced to the house of Commons, March 1, by Lord John Russell. April 20, ministers defeated in the house of Commons, on the reform bill. April 22, parliament prorogued by the king in person, and dissolved on the 23rd, by proclamation. New reform bill introduced Dec. 12.

1832. Reform bill thrown out by the Lords, May 7; resignation of ministers, May 9; afterwards recalled, and the bill passed both houses, June 5. Scotch reform bill passed, July 13. Irish bill, July 30. See REFORM.

1833. Ministerial Changes, March. Irish Church Bill passed, May. Bill for abolition of slavery under the apprenticeship system. See SLAVERY.

1834. The Melbourne administration. Poor Law Amendment Bill. 1835. Municipal Reform Act. See MUNICIPAL REFORM.

1836. Lord John Hay, the commander of the British naval squadron, stationed off the northern coast of Spain, intimated to general Cordova, the commander-in-chief of the Spanish forces, that he had received orders from the British government, to aid and protect the operations of the Spanish army, on that part of the coast, against the Carlists.

1837. May 24, being the eighteenth anniversary of the birthday of the princess Victoria, and also the day on which, by act of parliament, she attained her majority in the event of the demise of the crown, a great number of congratulatory addresses were presented to her, and the day was very generally celebrated throughout the country. During the spring and early part of the summer, trade, especially in the manufacturing districts, was very much depressed, owing chiefly to an almost total derangement of commercial affairs in the United States. All the American banks suspended specie payments, and very extensive failures occurred; the effect of which was felt to a considerable extent in Britain.

William IV. died at Windsor, June 20, 1837, leaving no legitimate issue; was buried in St. George's Chapel, Windsor, July 8, and succeeded by his niece. See WILLIAM IV.

ALEXANDRINA VICTORIA I., daughter of the duke and duchess of Kent, born at Kensington, May 24, 1819, proclaimed queen, June 21, 1837. The proclamation of queen Victoria took place on the anniversary of a day not less memorable in the annals of British fame, than for the fact that it bears the same name as the queen of England herself—the battle of Vittoria, in 1813. It is also singular that the young queen should have been called to the high station of royalty within a few days of the exact time (18 years of age) granted to her by law to prepare for it.

The following have been queens of England in their own right since the conquest:—1. Mary, reigned from July 6, 1553, to November 7, 1558. 2. Elizabeth, reigned from November 7, 1558, to March 24, 1603. 3. Mary, reigned from February 13, 1684, to March 8, 1702. 4. Anne, reigned from March 8, 1702, to August 1, 1714. 5. Victoria, began to reign June 20, 1837.

Alteration in the royal arms. The royal arms of England will vary much from those borne by her Majesty's five predecessors. The sovereign being a female, they will be borne on a lozenge, instead of a shield, and the imperial crest of a lion surmounting the crown will be discontinued, as will also the escutcheon of pretence bearing the arms of Hanover surmounted by the crown of that kingdom. The arms will in future

consist of the four grand quarters only, namely, England in the first and fourth; and Scotland and Ireland in the second and third quarters.

Lineal descent of her Majesty queen Victoria, from William the Conqueror.

A.D. 1060. William I.

1100. Henry I.

— Matilda Empress of Germany.

1154. Henry II.

1199. John.

1216. Henry III.

1272. Edward I.

1307. Edward II.

1327. Edward III.

— Lionel, duke of Clarence.

— Phillipa, countess of March.

— Roger, earl of March.

— Anne, countess of Cambridge.

— Richard, duke of York.

1461. Edward IV.

— Elizabeth, queen of Henry VII.

— Margaret, queen of James IV., of Scotland.

— James V., of Scotland.

— Mary, queen of Scots.

1603. James I.

— Elizabeth, queen of Bohemia.

— Sophia, electress of Hanover.

1714. George I.

1727. George II.

— Frederick, prince of Wales.

1760. George III.

— Edward, duke of Kent.

1837. Victoria.

Insurrection in Canada commenced December, 1837; continued in 1838; Lord Durham appointed governor. See CANADA.

1838. Coronation of queen Victoria was celebrated, June 28. Marshal Soult, the old opponent of the duke of Wellington, was the French ambassador, and much interest was excited in witnessing the cordial reception he met with. See CORONATION. July 29, the British ambassador at the court of Persia threw up his diplomatic relations in consequence of the siege of Herat undertaken by Mahomet. August 1. The colonial government of Jamaica, and other of the West India islands, abolished the apprenticeship system, and gave full emancipation to the slaves. See SLA-

VERY. September 18. A treaty of commerce between Austria and England was concluded at Milan. In this month the treaty of commerce between Turkey and England was also concluded, and signed by Mehemet Ali and Mr. Bulwer; finally ratified, November 16. By this treaty all British articles imported into the Ottoman dominions are subject to an ad valorem duty of 3 per cent; and in lieu of all other inland duties heretofore required previous to the sale of the goods by the importer, one fixed duty of 2 per cent. is to be levied, after which the goods may be sold and resold in the interior without any further duty being required. English vessels are also free from any charge on passing the Dardanelles, the Bosphorus, and the Black Sea; and a free transit is granted to all foreign goods passing through Turkey for exportation. By other articles, the provisions of former treaties (except as affected by the present) are confirmed; and any advantages which may hereafter be granted to other powers by the Porte are claimed for a British trader.

1839. Lord Melbourne announced in the house of peers, May 7, that in consequence of the division in the house of commons on the 6th, on the Jamaica bill, when the majority of ministers was only five, they had determined to resign. On the 8th, Sir Robert Peel received her Majesty's commands to form an administration, but owing to a refusal of the queen to dismiss the ladies of her household, on which Sir Robert Peel insisted, he declined the commission, and on the 10th, lord Melbourne was reinstated. July, victory in India. See CABOOL. Attack on Newport by the chartists, Nov. 4. See CHARTISTS.

1840. Marriage of Queen Victoria, to Prince Albert of Saxe Coburg, Feb. 10. See COBURG and VICTORIA.

BRITAIN, NEW. This island, and the straits which separate it from New Guinea, discovered by Dampier, in 1699. This enterprising seaman made a voyage round the world at the period of this discovery.

BRITISH ASSOCIATION, for the advancement of science, instituted 1831. Annual meetings, lasting for a week each, have been held successively during the summer of each year from the commencement at the following places: Oxford 1831, Cambridge 1832, York 1833, Edinburgh 1834, Dublin 1835,

Bristol 1836, Liverpool 1837, Newcastle 1838, and Birmingham 1839. The meeting for 1840, to be held at Glasgow, Sept. 17.

At the fifth annual meeting held at Dublin, Aug. 15, 1835, the provost of Trinity College gave an entertainment to about 300 members, including all the foreigners then in the city. Before dinner the company assembled in the library of the University, when the lord lieutenant, who was one of the guests, conferred the honour of knighthood upon professor, now Sir William Hamilton, (the professor of astronomy in the University.) Mr. Thomas Moore, who had been admitted a member of the association by acclamation, and without paying the usual fees, was also among the guests, and an entire absence of party feeling and political allusion distinguished the entertainment.

During the eighth meeting of this association, held at Newcastle, 1838, the general meeting assembled on the Monday evening, May 20, in the Central Exchange, when there were more than 3,200 persons present. It appeared from the report of the treasurer, that the receipts for the past year amounted to the sum of 2,410*l.* 13*s.* Among the numerous papers read in the successive sittings, many were of high scientific interest. On this occasion 1,000 local members were enrolled, which exceeded by above 300, either of the two preceding meetings at Bristol and Liverpool, and more than 2,500*l.* was obtained by local subscription. 1,000 ladies' tickets were issued, and they were admitted to two of the sections. There was an exhibition of models, philosophical instruments, and products of national industry. 1. Local. Articles manufactured in the district, showing the nature of the products of local industry, the present state of the manufactures, specimens illustrating the improvement or progress of the several branches. 2. General. Products of industry from all parts of the kingdom, specimens illustrating the different steps, from a raw material, to a finished article, and raw materials of a less common kind, which are or may be applied to useful purposes in the arts. 3. Mechanical and Philosophical, consisting of models of machines, or parts of machines, old, new, or improved; or illustrating the gradual progress of invention; models of working in mines,

philosophical instruments, remarkable minerals, interesting geological sections, fossils, rare or curious specimens in any branches of natural history.

BRITISH CONSULS, appointed to South American States, Oct. 30, 1823.

BRITISH ISLANDS. See **BRITAIN**.

BRITISH QUEEN, packet, from Ostend to Margate, wrecked on the Goodwin Sands, and all on board perished, Dec, 16, 1814.

BRITISH QUEEN, steam vessel, one of the largest in the world, was launched May 24, 1838. This steam ship, was intended to carry goods and passengers between London and New York. She had accommodation for 280 passengers. The following particulars of the dimensions, given by the builders, may be thought worth recording.

Length, extreme, from figure-head to taffrail	275 feet.
Length on upper deck	245 feet.
Length of keel	223 feet.
Breadth within paddle boxes	40 feet 6 in.
Breadth including paddle boxes	64 feet.
Depth	27 feet.
Tonnage	1,862 tons.
Power of engines	500 horse.
Diameter of Cylinders	77½ inch.
Length of stroke	7 feet.
Diameter of paddle wheels	30 feet.
Estimated weight of engines, boilers, and water	500 tons.
Ditto of coals for 20 days' consumption	600 tons.
Ditto of cargo	500 tons.
Draught of water with the above weight and stores	16 feet.

BRITISH HERRING FISHERY, incorporated in 1750.

BRITISH INSTITUTION, founded June 4, 1805; opened Jan. 18, 1806.

BRITISH AND FOREIGN BIBLE SOCIETY. See **BIBLE SOCIETY**.

BRITISH AND FOREIGN SCHOOL SOCIETY, instituted in 1815. See **SCHOOLS**.

BRITISH LINEN COMPANY, erected 1746.

BRITISH MINERALOGICAL SOCIETY, commenced 1799.

BRITISH MUSEUM, contains the largest collection of antiquities, natural curiosities, natural history, and books, in the metropolis. It is situated in Great Russel Street, Bloomsbury. This establishment originated in the munificent bequest of Sir Hans Sloane, who, having at a vast expence formed a museum of natural and artificial curiosities, left it at his death, in 1753, on certain terms to the nation; in consequence of which an act of parliament was passed for the foundation of the British Museum, for adding to it the Cottonian library, which was previously public property, and for making future augmentations. Montague house, Great Russell Street, Bloomsbury, a mansion built by the duke of Montague, in the reign of William III.

was purchased for the use of the establishment, and other buildings were subsequently erected.

Vast additions have been recently made both to the library and the museum, and the whole now forms a uniform and magnificent structure. The new buildings for the reception of the King's Library and the manuscripts of that institution were ready for the public accommodation in 1828. The new library is a room of great extent and magnificence.

BRITISH RESIDENTS in France made prisoners by Buonaparte, 1803.

BRITISH LYING-IN HOSPITAL, Brownlow Street, London, instituted 1749.

BRITONS, ANCIENT. See **BRITAIN**.

BRITTANY founded as a kingdom, 383; made a duchy, 874. On the marriage of Francis I. of France, to the granddaughter of one of the dukes, in the year 1532, it was incorporated with the French territory. Reorganized at the period of the French revolution, about 1792, when it was divided into the following departments:—viz. Lower Loire, Ille et Vilaine, Finisterre, Morbihan, and Cotes du Norde.

BRITTON, THOMAS, the musical small coal man, died 1714.

BRIXTON, in Norfolk, the ground for a considerable extent sunk near 30 feet, June, 1788.

BROAD SEAL of England first used 1050. Stolen from the Lord Chancellor's house, in Ormond street, March 24, 1784. A new one brought into use on the union of Ireland with Great Britain, January 1, 1801.

BROAD SWORDS forbidden to be worn in Edinburgh, July 26, 1724.

BRODIE CASTLE, Scotland, built, 1113.

BRODY in Galicia, 1500 houses burnt at, May 5, 1801.

BROKERS regulated in London by law, 1697.

BROMFIELD, WILLIAM, surgeon, born 1712, died 1762.

BROOKE, LORD, Fulk Greville, stabbed by his servant, September 30, 1628, aged 70.

BROOKE, JOHN CHARLES, Somerset herald, crushed to death at the Haymarket theatre, February 3, 1794, aged 45.

BROOKE, HENRY, an ingenious but eccentric writer, author of the Fool of Quality, born in Ireland 1706, died Oct. 1783.

BROOKES, JOSHUA, an eminent English anatomist, F. R. S., F. L. S., &c., born Nov. 24, 1761. During the forty years he publicly taught anatomy at his theatre, in Blenheim street, Marlborough street, he educated no less than 7,000 pupils. His museum, which was second only to that of the illustrious Hunter, was the admiration of all who had the gratification to witness it. In 1826, he retired (on account of ill-health) from his arduous duties. In the classification of his museum, he followed the nomenclature of Cuvier, Mac Leay, Temminck, Gray, Vigors, (M. P.), Horsfield, and the most esteemed modern naturalists; died January 10, 1833. So much esteemed were his talents by Sir Astley Cooper, that when the baronet concluded his spring lectures, at St. Thomas's hospital, he made it a constant practice to exclaim to his pupils,—“Now, Gentlemen, if you want to learn anatomy, go to Joshua Brookes.”

BROOME, Rev. WILLIAM, joint translator of the Odyssey with Pope, died 1745.

BROOMHOLME PRIORY, Norfolk, built 1113.

BROOMSGROVE nearly destroyed

by an inundation from a waterspout, April 13, 1792.

BROOM-FLOWER, order of knighthood in France, began 1234.

BROTHERS were allowed in London as necessary evils, 1162; suppressed 1545; tolerated in France, 1280; Pope Sixtus IV. licensed one at Rome, and the prostitutes paid him a weekly tax, which amounted to twenty thousand ducats a year, 1471.

BROTHERLY LOVE, order of knighthood, began 1708.

BROTHERS, SWORN, probably arose from a custom in Morlachia, and other places, where friendship between the same sex are like marriages ratified at the altar. Others say, from persons covenanting formerly to share each other's fortunes in any expedition to invade a country, as were Robert d'Oily, and Robert d'Ivery, in the first expedition of William I. into England. Hence the term of “brethren in iniquity,” because of their dividing plunder.

BROUGHAM, HENRY, Lord, born in Edinburgh, September 19, 1779. First sat in Parliament in 1810, for the borough of Camelford; afterwards for Winchelsea; returned for Yorkshire in the memorable election of 1830. In that year he was raised to the chancellorship, and to the peerage by the title of Baron Brougham and Vaux, of Brougham, in Westmoreland. He held office till the change of administration, in 1834. October, 1839, an accident occurred which caused a false report of his death.

BROUGHAM CASTLE, Westmoreland, built in 1070.

BROUGHTON, Lancashire, suspension bridge at, fell while a party of the 60th rifles were passing over; six had limbs broken, but no lives were lost, April 11, 1831.

BROUWER, ADRIAN, a celebrated Flemish painter of scenes from low life, born 1608, died 1640.

BROWN, ROBERT, founder of the Brownists, in the reign of Queen Elizabeth. In 1585, he was cited to appear before archbishop Whitgift. Towards the close of his life, having some dispute with the constable of his parish, he proceeded to blows, and was so insolent to the justice, that he committed him to Northampton jail, where he died in 1630, aged 80.

BROWN, DR. WILLIAM LAWRENCE, a Scotch writer on divinity,

and metaphysics, born 1753, died 1830.

BROWNE, ISAAC HAWKINS, the poet, born 1703, died 1760.

BROWNE, WILLIAM, poet, born 1590, died 1645.

BROWNE, SIR THOMAS, author of "Vulgar Errors," died 1645.

BROWNE, EDWARD, natural historian, died 1682.

BROWNISTS, sect began in the 16th century. Two persons of this sect were hanged, in 1583, at Bury, for dispersing Brown's books, against the established church. See **BROWN**.

BROWNRIGG, SIR ROBERT, BART, governor of Ceylon, born 1759. He accompanied the duke of York to Holland in 1799. In 1813, he was appointed governor and commander-in-chief of the island of Ceylon; 1815, successfully invaded and conquered the kingdom of Candy, (situated in the interior of the island of Ceylon,) now annexed to the possessions of Great Britain. Created a baronet 1816; and continued governor of Ceylon until the year 1820. Died April 27, 1833.

BRUCE, ROBERT, Scottish general and king, landed in Ireland with an army, May 25, 1315. Soon after crowned at Dundalk; slain 1318. See **SCOTLAND**.

BRUCE, JAMES, the celebrated traveller, discoverer of the Nile, born at Kinnaird, Stirling, Scotland, December 14, 1730. Set out on his grand expedition, the accomplishment of which had been ever nearest his heart, the discovery of the sources of the Nile, June 15, 1768, and after various dangers and difficulties, arrived, on February 15, 1770, at Gondar, the capital of Abyssinia. Arrived at the sources of the Nile, November 14. On his return to Gondar, November 19, he was detained by the king. He at length obtained permission to depart, and left Gondar on December 16, 1771, taking the dangerous way of the desert of Nubia; and on January 10, 1773, after more than four years' absence, he arrived at Cairo. His work on Abyssinia appeared in 1790, five large quarto volumes, embellished with plates and charts. The very singular and extraordinary picture which he gives of Abyssinian manners, startled the belief of some. But the accounts of recent travellers confirm almost every particular he narrates. The first impression of his work being almost wholly dis-

posed of within a short time, a second was preparing for the press, when he was removed by death, on April 26, 1794.

BRUCE, Major-General Sir Charles, a brave and distinguished British officer, born 1777, died 1832.

BRUDENELL. In acquitting Captain Wathen, of the 15th or King's Hussars, of the insubordinate and un-officer-like conduct with which he was charged, the court martial, held at Cork, expressed so unfavorable an opinion of the course pursued by the accuser, Lieutenant Colonel Lord Brudenell, that his majesty directed his removal from his command, February 1, 1834.

BRUEGHEL or BREUGHEL, PETER, the elder, an eminent Dutch painter of landscapes, born 1510, died 1570.

BRUEGHEL, PETER PETERSZ, the younger, a Dutch painter of extravagant allegorical subjects, died 1642.

BRUEGHEL, JOHN, or VELVET BRUEGHEL, a Dutch painter of landscapes, fruits, and marine subjects, born 1560, died 1625.

BRUEGHEL, ABRAHAM, called the Neapolitan, a Dutch painter of still life, born 1762, died 1690.

BRUGES founded, 700; fortified 890. Erected into a bishopric by Paul IV. 1559, and continued so until it was taken by the French in 1794, when it was incorporated with the French empire, and remained united until the fall of Napoleon. In 1798, an English force under Gen. Coote, destroyed the sluices between this place and Ostend, but the greater part of them were taken prisoners, being assailed by a superior force.

BRUGES, University of, French Flanders, founded in 1665.

BRUN, CHARLES LE, a celebrated French painter, descended of a Scots family, and born at Paris, 1619. A painting of St. Stephen finished in 1651, raised his reputation to the highest pitch. About 1662, he began his five large pieces of the history of Alexander the Great. When Louvois succeeded Colbert as superintendent of the royal edifices, Mignard was set up as a rival to Le Brun, and the mortification he experienced preyed upon his spirits, so that he fell into a decline, and died in 1690.

BRUNCHAUT, widow of Sigebert, king of Austrasia, put to a cruel death, 613.

BRUNO, founder of the Carthusians, died 1101, aged 71.

BRUNSWICK, city of, built in 261; duchy of, had its origin in the 10th century. See the next article. Seized by the French, 1806; restored 1814.

1830. A tumult and partial revolution began, Sept. 8, which continued for some days, during which the palace was set on fire and destroyed, together with much valuable property. The duke Charles fled to England, but at length Prince William, his brother, with the assistance of the burgher guard, succeeded in restoring tranquillity. He was afterwards invested with the sovereignty of the states of Brunswick, with the consent of William IV. of England, and his brothers, the dukes of Cambridge, Sussex, and Cumberland, which was given in February, 1831. The diet of Frankfort, also gave its approbation to this engagement, in May. Ex-duke Charles afterwards took refuge in France.

1835. The duke of Cambridge as viceroy of Hanover, instituted proceedings, January 26, against Charles, ex-duke of Brunswick, for the purpose of having all the property of the latter placed in his hands, according to arrangements to that effect which were represented to have been made between his late Majesty, William IV. of England, the reigning duke of Brunswick, the duke of Cambridge, and other members of the family, and by which the duke of Brunswick was also placed under the tutelage of the duke of Cambridge. The tribunal, according to the directions of M. Glaudaz, Avocat du Roi, decided that it had no power to interfere as prayed for, and authorized the duke of Brunswick to retain possession of all property belonging to him in France, and condemned the plaintiff to pay the costs of the suit.

BRUNSWICK, HOUSE OF, owes its origin to Azo IV. of the family of Este, son of Hugo III., marquis of Ferrara, in Italy. About 940, he married Cunigunda, or Cuniza, heiress of the first Welphs, or Guelfs, earls of Altorf, in Suabia; and their son Welph, or Guelf, obtained the duchy of Brunswick of Henry IV., in 1071. His grandson, Henry, duke of Bavaria, acquired Brunswick, along with Saxony. In 1165, William, son of Henry the Lion, and of Matilda, eldest daughter of King Henry II. of England, in whom was united the

Anglo-Saxon and Norman blood, acquired Lunenburg; and his son Otho, in 1235, was the first duke of Brunswick and Lunenburg. From him all the succeeding dukes of this family have descended. The house of Brunswick has since then divided into several branches, from one of which sprang the elector of Hanover, and the illustrious family now seated on the British throne.

BRUNSWICK, DUCHESS OF, sister to George III., died March 23, 1813.

BRUNSWICK CLUB. The first general meeting of the Brunswick Club of Ireland, held in the Dublin Rotunda, Nov. 4, 1828.

BRUNSWICK THEATRE, Wellclose square, fell down on the fourth day after its opening, February, 1828. On its site "the Sailors' Home," or Brunswick Marine establishment, for the reception of unemployed seamen in the port of London is erected.

BRUNSWICK, NEW, province of British North America, originally formed part of Nova Scotia, but separated from it in 1785. In 1825, this colony suffered from one of the most extraordinary conflagrations recorded in history. The summer was unusually warm. During July and August, extensive fires raged in different parts of Nova Scotia, and the protracted drought, acting upon the aridity of the forests, had rendered them more than naturally combustible. On October 7, the heat increased, a tremendous roaring in the woods, was succeeded by volumes of dense smoke that darkened the face of day; then burst forth the terrific element above the trees, rolling forward with impetuous fury, till in an hour, the towns of Douglas and Newcastle, situated on the river Miramichi, were enveloped in the vortex. The whole northern side of the river, extending from Bortibog to the Naashwaak, a distance of more than 100 miles in length, became enveloped in an immense sheet of flame, that spread over nearly 6000 square miles. The country has not yet recovered from the desolating effects of the great fire, but the recent establishment of the New Brunswick Company, will, it is hoped, facilitate the settlement of so fine a territory. In 1829, the exports were stated at £346,000, and the imports at £483,000.

1838. The colonial government of New Brunswick expressed itself strongly in opposition to the Canadian revolt.

Early in January, both houses concurred in a series of resolutions, thanking Sir Francis Head and the militia of Upper Canada, for their conduct in suppressing the insurrection of Toronto. A bill passed for placing at the disposal of Sir John Harvey, the Lieutenant-governor, a force of 1,200 militia volunteers, with a view to give assistance, if required, to the support of the royal authority in any part of British North America. On March 8, they passed a resolution, placing £10,000 at his disposal, "to meet any emergency which the public interests of this province, or the welfare of the British colonies may appear to require."

BRUSSELS, formerly the capital of the Austrian Netherlands, but now of the Belgian kingdom. Damaged by fire, and the ducal palace consumed, January 31, 1730. It was several times captured by the French, and in 1789-90, took the lead in the troubles which broke out in the Netherlands. During 20 years, from 1794 to 1814, it was in the possession of the French, and the chief town in the department of the Dyle. Since 1831, it has been the seat of the Belgian government and the residence of king Leopold.

BRUTUS, LUCIUS JUNIUS, a Roman patriot, and founder of the Roman republic. Delivered Rome from Tarquinius's tyranny, and with Collatinus was elected magistrate of the state, A. C. 509. The same year, Brutus and Arnus Tarquinius fell by mutual wounds.

BRUTUS, MARCUS JUNIUS, an illustrious Roman, and chief conspirator against Cæsar. At the instigation of Cassius, he engaged in the conspiracy against Cæsar's life, which proved fatal March 15, A. C. 44. At the battle of Phillippi, Cassius being slain, and Brutus being surrounded by the enemy, he threw himself on the sword of Strato, a Greek, who had formerly been his fellow student, and expired, in the 43rd year of his age.

BRYANT, THOMAS, shot by the military that escorted Sir F. Burdett, to the Tower of London, April 9, 1810.

BRYANT, JACOB, an eminent scholar, died Nov. 14, 1804, aged 88.

BUBBLE YEARS; 1722, when the South Sea bubble took place.—1792, when the canal mania prevailed.—1825, when hundreds of absurd projects were set on foot by scheming and fraudulent men.

BUCCANEERS, daring piratical ad-

venturers, who infested the West Indian and American coasts. In 1632, they drove the Spaniards out of the small island of Tortuga; and fortifying themselves there, with amazing intrepidity, made excursions against the common enemy. The buccaneers, when they had acquired a considerable booty, at first held their rendezvous at the island of Tortuga, in order to divide the spoil; but afterwards the French went to St. Domingo, and the English to Jamaica.

Each person, holding up his hand, solemnly protested that he had secreted nothing of what he had taken. Montbar, a gentleman of Languedoc, particularly distinguished himself about the middle of the 17th century. Bartholomew, L'Olonnois, and De Balca, also in their turn signaled themselves by their courage and their cruelty. Sir Henry Morgan, attacked Portobello, a strongly fortified town in the province of Costa Pica, in 1688, and compelled the inhabitants to ransom their city from the flames, by the enormous sum of 100,000 crowns. In 1697, the buccaneers attacked Carthage, and acquired booty to the amount of £1,750,000. At length they met with a fleet of Dutch and English ships, both which nations were then in alliance with Spain. Several of the pirates were either taken or sunk, with all the cargo they had on board their ships, and from this time the buccaneers were annihilated. Without any regular system, without laws, without any degree of subordination, and even without any fixed revenue, they became the astonishment of the age in which they lived, as they will be also of posterity.

BUCER, MARTIN, an eminent German reformer, born in 1491, at Alsace. In 1548, was sent for to Augsburg, to sign the agreement between the papists and the protestants, called the interim. His warm opposition to this project, led him to retire to England, in 1549, where he died in 1551.

BUCHAN, DR. WILLIAM, author of Domestic Medicine, &c., died Feb. 26, 1805, aged 76.

BUCHANAN, REV. CLAUDIUS, author of "Christian Researches," born 1766, died Feb. 9, 1815.

BUCHANAN, GEORGE, Latin poet, born 1506, died 1582.

BUCKFASTLEIGH ABBEY, Devon, built in 918.

BUCKINGHAM, tower at, fell down,

and destroyed the church, March 26, 1776.

BUCKINGHAM CASTLE built, 918.

BUCKINGHAM HOUSE, in St. James's park, built 1703. Bought for the residence of queen Charlotte, for £24,000, in 1760. Her first residence there May 19, 1762. Between 1825 and 1830, it was taken down, and rebuilt, at the cost of above half a million. The residence of Queen Victoria in 1837.

BUCKINGHAM, duke of, killed at Portsmouth, by Felton, August 23, 1628.

BUCKINGHAM, GEORGE VILLIERS, duke of, born 1627, died 1640.

BUCKINGHAM, JOHN SHEFFIELD, duke of, born 1649, died 1721.

BUCKINGHAM, late duke of, born March 20, 1776, died July 17, 1839.

BUCKLAND PRIORY, built 1278.

BUCKLES were invented about 1680.

BUDA, the ancient capital of Hungary, believed to have been the residence of Attila, the chieftain of the Huns. See **ATTILA**. The castle was chosen as a palace for the Emperor Louis I. before 800. The Turks occupied Buda in 1530, and after other devastations, were at length expelled, in 1686, by the duke of Lorraine. The university was removed hither from Tyrnau, in 1777, and subsequently transferred to Pest.

BUDE LIGHT, partially discovered and recommended by Sir D. Brewster at the beginning of the present century; invention completed by Mr. G. Gurney, and examined by a select committee of the House of Commons, 1839.

BUENOS AYRES, city of South America, formerly capital of the Spanish viceroyalty of La Plata, now of the new republic of the United Provinces. City taken by the English 1806, abandoned the same year. Junta of Buenos Ayres commenced its functions on May 25, 1810. Congress of Tucuman issued a declaration on July 9, 1816, formally announcing the independence of the provinces of Rio de la Plata. Tranquillity interrupted by the contest into which Buenos Ayres entered against Brazil, for the possession of the Banda Oriental, in 1825. War continued in a feeble and inefficient manner, and with doubtful success by both powers for several years. Oct. 12, 1829, treaty, by which the whole of the Banda Oriental, with its capital, is an independent power, under the direct guarantee of Great Britain. October,

1833, an attempt was made to effect a revolution in Buenos Ayres. In June, 1834, the government resigned spontaneously. The internal provinces were, as usual, the theatre of petty dissensions and skirmishes. Don Rosas elected governor and captain-general of the province for five years, March 7, 1835, with extraordinary powers, while he was at liberty to surrender whenever he might judge fit, and only restricting him in one point, by obliging him to maintain and uphold the catholic religion. March 10, 1839, war was declared by the Uruguay republic, against Buenos Ayres.

BUFFALO TOWN, North America, taken by the British, and burnt Dec. 30, 1813.

BUFFON, GEORGE LOUIS LE CLERC, Count of, a celebrated French naturalist, born at Montbard, in Burgundy, Sept. 7, 1707. His first publication was a translation from the English of Hales's Vegetable Statics, in 1735, followed, in 1740, by a translation from the Latin of Newton's Fluxions. He was appointed in 1739, superintendent of the royal garden and cabinet, which, as he came to be known, he enriched with the productions of all parts of the world. In 1747, he made an extraordinary discovery of a speculum which set objects on fire at the distance of 120 yards; he also published a dissertation, to prove that there was nothing either false or absurd in the account handed down by historians, of the burning Roman ships at the siege of Syracuse, by Archimedes. His Natural History commenced in 1749, and was completed in 1767. In 1774, he began to publish a supplement to his Natural History, consisting of the History of Minerals. He died April 16, 1788, aged 81.

BUGDEN PALACE, Huntingdonshire, built 1480.

BUGRIAH. This town, said to have the finest anchorage on the coast of Africa, taken by the French, after a sanguinary conflict of three days with a tribe of barbarians, Oct. 2, 1833.

BUGS are generally supposed to have been first introduced to this country in the fir timber which was imported, for the purpose of re-building London, after the great fire of 1666. It is said that bugs were not known in England before that time; and many of these insects were found, almost immediately afterwards, in the newly erected edifices.

BUILDERS' ACT passed, 1764, amended 1766.

BUILDING with stone first brought into England by Bennet, a monk, 670; with brick, first introduced by the Romans into their provinces, first in England about 886: introduced here by the earl of Arundel, 1600, at which time the houses in London were chiefly built of wood. The increase of buildings in London prohibited, within three miles of the city gates, by queen Elizabeth, and ordered that only one family should dwell in one house, 1580. The buildings from High Holborn, north and south, and Great Queen Street, built nearly on the spot where stood the elms or the ancient Tyburn in Edward III, were erected between 1607, and 1631. The number of houses in London and its suburbs, in 1772, was computed at 122,930; but in 1791 they amounted to above 200,000. In St. George's Fields near 7000 have been erected within the above period, and of late years the buildings round London have increased to a great extent.

BUILDINGS regulated by law, 1764, 1770, 1772.

BUILDWAS ABBEY, Shropshire, built A.D. 1153.

BULGARIANS ravaged Thrace, 499; settled in the country now called Bulgaria, in the seventh century; were defeated by the emperor Justinian 706; ravaged Greece 889; besieged Constantinople 917; Bulgaria made a Roman province 1119; threw off the Roman yoke 1186; defeated the emperor Baldwin, 1205; was conquered by Bajazet 1396, and now remains a province of European Turkey.

BULKELEY, the benevolent lord, died 1822.

BULKELEY HILL, Cheshire, clothed with trees, sank down into a pit of water, so that the tops of the trees were invisible, July 8, 1657.

BULL, DR. JOHN, musician, born 1563, died 1621.

BULL, a, named Comet, the property of Mr. Collin, of Ketton, near Darlington, sold by public auction for 1,000 guineas, Oct. 11, 1810.

BULL, the famous popish, called Unigenitus, was received in France, Dec. 11, 1715, which subsequently created a great ferment in that country.

BULL GOLDEN, is a denomination peculiarly given to an ordinance, or

statute, made in Germany, by the emperor Charles IV. in 1356, reputed the magna charta, or fundamental law of the empire.

BULL-BAITING, first at Stamford, Lincolnshire, 1209; at Tutbury, Staffordshire, 1374.

BULL-FIGHTING, in Spain first practised, 1560.

BULL-RUNNING, at Tutbury, Staffordshire, introduced first 1374.

BULLETS of stone used instead of iron, 1514; of iron first mentioned in the Fadua, 1550.

BULLION of gold and silver, first method of assaying, 1354. See **BANK**.

BULMER, WILLIAM, celebrated English typographer, born 1751, died 1830.

BUMPER, a corruption of bon-pere good father, i.e. the pope, whose health was always drank by the monks after dinner, in a full glass.

BUNGAY, Suffolk, built 1689.

BUNKER'S HILL, America, battle of, fought 1775.

BUNYAN, JOHN, the well known author of the Pilgrim's Progress, born at Elstow, near Bedford, in 1628. Admitted a member of the Baptist congregation at Bedford, 1655; indicted as an upholder and maintainer of unlawful assemblies and conventicles, and for not conforming to the church of England, 1660. He was kept in prison for twelve years together. During this period he wrote many of his tracts; but he was at length discharged by the humane interposition of Dr. Barlow. Died of a fever at London, Aug. 31, 1688, aged 60. All his works were collected together in two vols. folio, London, 1736, 1737.

BUONAPARTE, NAPOLEON, born at Ajaccio in Corsica Aug. 1769. His father Carlo Buonaparte, was a lawyer of that town in moderate circumstances; but the talents evinced by Napoleon at an early age, attracted the notice of general count Marbœuf, then governor of the island, who patronised him, and procured his admission, as an élève du roi, into the royal military school at Brienne in 1779. He was sent to L'Ecole Royal Militaire at Paris, in 1784, where he passed his first examination with honour, and entered the regiment of artillery De la Fere, in garrison at Auxone, as lieutenant, in 1785. In 1790, he was appointed to the command of a battalion of national guards at Ajac-

cio, his native town. In 1793-4, he was promoted to the rank of general by the convention. In 1794, obtained the command of an expedition against Ajaccio, the island of Corsica having been surrendered to the British. In this, however, he was repulsed, and returned to Paris.

1795. While the forty-eight sections of Paris seemed unanimous in their acceptance of a new constitution, forty-six of them rejected the decree that the two-thirds of the members of the convention should be re-elected for the new legislature, and the decree which declared, that if the departments did not re-elect two-thirds, the convention would form an elective body, and supply the deficiency by its own nomination. In consequence of this a scene of horror and tumult prevailed in Paris. Barras gave him the second command of the conventional troops, employed to quell the tumult. In 1796, he became commander-in-chief of the army of Italy. His army was very inferior in point of numbers to that of his enemies: "But, if we are vanquished," said he, "I shall have too much; if conquerors, we stand in need of nothing." Having crowned his conquests in Italy by the peace of Campo Formio, he returned to Paris.

When it was resolved to seize upon the territory of Egypt, Buonaparte was appointed to the command, and on May 20, 1798, put to sea from Toulon on board the *L'Orient*, of 120 guns. June 10, the Toulon fleet appeared before Malta, which soon capitulated, when three millions in specie fell into the hands of Buonaparte. There was also found one frigate, four galleys, twelve hundred pieces of cannon, forty thousand muskets and one million five hundred thousand pounds weight of powder. July 21, between the villages of Embabch and Gizah, near the Nile, and in the sight of the Pyramids, was fought the battle so designated, where Napoleon commanded in person. On that memorable occasion he used the following emphatic exclamation; "Frenchmen remember that from the summit of yonder monuments forty centuries are looking down upon you." The French were victorious, and on the following day entered Cairo.

1799. Buonaparte finding the tenure of Egypt exposed on the side of Syria, Feb 10, resolved to undertake an expedition to those territories, (which was

called the Syrian Expedition,) in order to seize the treasures and destroy the dominion of the Djezzar Pacha, who, from his residence at Acre, despatched bands to the western borders of the Desert of Rahama, which had afforded a retreat to Ibrahim Bey. After several successes in Syria, on the 16th of April, generals Kleber and Junot, with 2000 French, sustained a most obstinate contest against the combined Turks and Arabians, at the battle of Mount Tabor. On that occasion, Buonaparte with a small troop, overthrew 25,000 cavalry and a host of infantry, which had collected from various parts. May 21, the army of the east, under Buonaparte, raised the siege of Acre, after the trenches had been open for 60 days, the besiegers having repeated the assault eight times. The loss of the French was estimated at 7000 men; among whom, Buonaparte had to regret the death of Caffarelli Dufalgar.

Napoleon instantly commenced his march for Egypt, in order to oppose the Turks who intended to effect a landing. June 25, the battle of Aboukir, between Buonaparte and the Turks, was fought, in which the latter lost 18,000 men, and the former not 1,000 in killed and prisoners. Five thousand Turks, who had shut themselves up in the fortress of Aboukir, Aug. 2, all perished by famine or the sword, with the exception of a trifling number made prisoners. The army having suffered from repeated defeats and the climate, on August 23rd Buonaparte left the army in Egypt to General Kleber and embarked for France. He landed at Saint Raphau, near Frejus, Oct. 9, with his staff from Egypt, and on the sixteenth, arrived at Paris.

Nov 4, Buonaparte, indignant on finding that all his conquests in Italy had been lost by the mal-administration of the directory, and that France was on the point of once more falling into a state of anarchy, dismissed the council of Five Hundred at Saint Cloud. Nov. 9, the director Abbe Sieyes and Buonaparte planned a new form of government for France. The two councils decreed the abolition of the directory, May 11, when Napoleon, aided by his brother Lucian, and Abbe Sieyes, instituted a provisional government, composed of three consuls; namely Sieyes, Roger Ducos, and General Buonaparte. Napoleon Buonaparte was chosen first con-

sul, Dec. 24, and soon after formed his plan for attacking Italy.

1800. The famous battle of Marengo was fought, June 16, and gained by Buonaparte over the Austrians, commanded by General Melas, when the latter had 6,000 killed, and 12,000 made prisoners. Dec. 24, an attempt was made on Buonaparte's life in Paris, by means of a machine called the *Infernale*, whereby several lives were lost.

1802. Buonaparte convoked a consulta of the Cisalpines at Lyons, Jan. 26, when he was named president of the Italian republic, which was no longer to be styled Cisalpine, but receive a constitution analagous to that established in France. The famous Legion of Honour was created by Buonaparte, May 19, destined to reward such as rendered themselves conspicuous in a civil or military point of view. The *senatus consultum* conferred on Napoleon Buonaparte the title of consul for life, Aug. 1. In his reply to the message of the senate, he stated, "The life of a citizen belongs to his country; the French people are desirous that mine should be entirely consecrated to its service. I obey the will of the people—the liberty, the equality, and the prosperity of France shall be secured; the best of people shall be the happiest." Sept. 30, Buonaparte declared himself mediator of the Helvetic republic. Napoleon reinstated the pope at Rome, and restored peace to his holiness for his having made a trifling sacrifice to the French republic, in ratifying the concordat.

1803. In February Buonaparte offered provision for life to Louis the Eighteenth, if he would renounce his pretensions to the throne of France, which the latter refused. The reply to Napoleon's proposal contained the following paragraphs of Louis the Eighteenth: "I do not mean to confound Monsieur Buonaparte with those who have preceded him; I esteem his bravery and military talents, and I only have to complain against some acts of his administration,—but he deceives himself if he imagines I can renounce my rights; far from that being the case, he would reestablish them himself, if he could be litigious, by the proceedings which he adopts at the present moment."

1804. Cambaceres waited upon the first consul, at St. Cloud, May 18, and there made known to him the wish of

the senate that he would accept the imperial title; upon which Napoleon made answer; "Every thing that can contribute to the welfare of the state is essentially connected with my happiness. I accept the title which you deem of utility to the glory of the nation. I submit to the sanction of the people the law as relates to hereditary possession. I trust that France will never have cause to repent the honours with which she may environ my family. At all events my spirit will no longer influence my posterity, the day when it shall cease to deserve the love and confidence of the great nation." May 20, Napoleon Buonaparte, first consul of the French republic, was proclaimed emperor of the French. Dec. 2, the coronation of Napoleon and the Empress Josephine was solemnized, in the cathedral of Notre Dame, at Paris, by Pope Pius the Seventh, with the greatest pomp and solemnity possible. One of the first acts of the new emperor was to alter the name of the Civil Code of the French, introduced under the consular government, to that of *The Code Napoleon*. His two brothers Joseph and Louis, and his two colleagues, Le Brun and Cambaceres, were declared grand elector, constable, arch-chancellor, and arch-treasurer of the empire.

For the political events of the reign of Buonaparte, See BRITAIN, FRANCE, &c. The following are the principal events of his personal history.

Divorced from the Empress Josephine Dec. 17, 1809. Married to Maria Louisa of Austria, April 1, 1810. Son born April 20, 1811, and entitled king of Rome. Made overtures of peace to England, which were rejected April 17, 1812. Quitted his army in Russia, on the 5th, and arrived in Paris, Dec. 18, 1812. Quitted Paris, Jan. 15, and joined his army at Mentz, April 20, 1813. Quitted his army at Dresden, to return to Paris, Oct. 7, 1813. Quitted Paris to rejoin the army, Jan. 25, 1814. Renounced for himself and heirs the thrones of France and Italy, and accepted the Isle of Elba, April 28, 1814. Arrived at Elba, May 3. All artists forbidden, by the mayor of Lyons, to engrave or paint his likeness, Dec. 3, 1814. Quitted Elba, and landed at Cannes, March 1, 1815. Arrived at Fontainbleau, March 20, 1815. Joined by the army and arrived at Paris, March 22, 1815. Allied sovereigns signed a new treaty for his ex-

termination, March 25, 1815. Abolished the slave trade, March 29, 1815. Left Paris to join the army at Laon, June 12, 1815. Defeated at Waterloo, returned to Paris, June 20, and abdicated on the 23rd, in favour of his son. Arrived at Rochefort, intending to sail to America, July 3, 1815. Failing in his design, he surrendered himself and suite of forty persons, to Captain Maitland, of the *Bellerophon*, July 15, 1815. Transferred at Torbay from the *Bellerophon* to the *Northumberland*, which sailed with him for the island of St. Helena, decreed by the allied sovereigns to be his place of residence for life, Aug. 8, 1815. Arrived at St. Helena Oct. 16, 1815. His relatives of every description excluded for ever from France, by the law of amnesty, Jan. 12, 1816. Died 1821, and was buried at St. Helena. His statue set up in Paris again, 1833. His mother, Marie Letitia, died Feb. 4, 1836.

BUONAPARTE, JEROME, made king of Westphalia, 1807.

BUONAPARTE, JOSEPH, made king of Naples, 1806, transferred to Spain, 1808.

BUONAPARTE, LOUIS, created king of Holland, 1806; abdicated, 1810.

BUONAPARTE, PRINCE LOUIS, a nephew of Napoleon, and son of Louis the ex-king of Holland, attempted an insurrection in France, Oct. 1836. Early on the morning of the 30th he appeared at Strasburgh, dressed in an uniform somewhat resembling that which his uncle used to wear. Accompanied by Colonel Vaudrey, he proceeded to the barracks of the artillery. The colonel told his men that a revolution had been accomplished in Paris — that Louis Phillippe was no more — that Napoleon II., the descendant of the “great man” had been proclaimed, and that here, presenting prince Louis, was Napoleon II. One body of the mutineers marched to the house of general Voirol, the commander of the division, informed him of the news, and requested him to do his duty to the emperor. The general addressed the soldiers and soon succeeded in convincing them that they had been imposed upon. An aid-de-camp of general Voirol, who had made his escape, while the general was haranguing the soldiers, gave notice to the colonel of that regiment. The gates were immediately closed, and the whole party arrested. The other persons implicated

were detained for trial; but prince Louis was allowed to go to the United States, and a French frigate sailed with him from L'Orient, Nov. 21.

BUONAPARTE, LUCIEN, put himself under the protection of the British at Malta, 1810; brought to England the same year; created a Roman prince by the Pope, Aug. 1814; refused passports for himself and family to North America, by the allied sovereigns, March 18, 1817.

BUONAROTTI, MICHAEL ANGELO, a most incomparable painter, sculptor, and architect, born 1474, in the territory of Arezzi, in Tuscany. His most capital performances are “The Crucifixion,” and “The Last Judgment,” which last is the ornament of the chapel of Sixtus V. in the Vatican. He discontinued painting in the seventy-fifth year of his age, and died at Rome, aged 90, 1563.

BURCKHARDT, J. LEWIS, the eastern traveller, born in Switzerland, 1784, died April 15, 1817.

BURDER, REV. GEORGE, author of some valuable works on divinity, born 1754, died April 15, 1832.

BURDETT, SIR FRANCIS, committed to the Tower, by the House of Commons April 9, 1810. Liberated June 21, following. On the commitment of Mr. Gale Jones for a libel in the House of commons, Sir Francis Burdett, on the 12th of March, delivered an elaborate speech, tending to prove, that although the house possessed the power of committing its own members, it had not the like power over others. Sir Francis sent the substance of his speech to Cobbett's *Weekly Register* which on account of its radical sentiments was declared by the house to be a libellous and scandalous paper, reflecting upon the just rights and privileges of that house on which account he was committed to the Tower.

On the change in the worthy baronet's political sentiments in 1838, attended by Lord Maidstone and Sir George Sinclair, he made a “Conservative progress” through the northern provinces. A series of political banquets awaited him in the course of his tour, at Leeds, Salford, Manchester, and other large towns.

BURDETT, CAPTAIN GEO., R.N., killed by drinking oil of tar by mistake, May 22, 1832.

BURDOCK, MARY ANN, was tried at Bristol for poisoning an old lady who

had lived with her. The trial lasted two days, and excited more than ordinary interest. It appeared that the lady who was poisoned was possessed of a considerable sum of money, which excited the cupidity of the prisoner, who destroyed her, October 23, 1833, by mixing arsenic in some milk or gruel. Circumstances having subsequently excited suspicion, the body was, fourteen months afterwards, taken out of the grave and examined, when the appearances presented led to the apprehension of the prisoner. She was executed March 15, 1835, and it is stated that the crowd assembled on the occasion was calculated to amount to upwards of 50,000 persons.

BURGESSES were first appointed in Scotland, 1326. See **MUNICIPAL CORPORATIONS**.

BURGH, JAMES, ingenious Scotch author, born 1714, died 1775.

BURGLARY was formerly considered felony in all cases. The laws, however, have lately been considerably amended. By 7 and 8 Geo. IV., c. 29, passed June 21, 1827, entitled an act for consolidating and amending the laws in England, relative to larceny and other offences connected therewith. Also by 1 Victoria, c. 86, July 17, 1837, which recites that it is expedient to amend so much of the 7 and 8 Geo. IV., c. 29, as relates to the punishment of any person convicted of burglary, &c., and accordingly, 1. repeals such provisions after Sept. 30, 1837, except as to offences on or before that day. 2. Burglars using violence to suffer death. 3. Punishment of burglary, transportation for life, or for not less than ten years, or imprisonment for not exceeding three years. 4. And so far as the same is essential to the offence of burglary, the night shall be considered and is hereby declared to commence at nine o'clock in the evening of each day, and to conclude at six o'clock in the morning of the next succeeding day. 5. Stealing in a dwelling-house with menace or threat, shall be felony, and punishable by transportation for not exceeding fifteen years, nor less than ten years, or imprisonment for not exceeding three years. 6. And every principal in the second degree, and every accessory before the fact, shall be punishable with death or otherwise in the same manner as the principal in the first degree; and every accessory after the fact (except only as receiver of stolen property) shall be imprisoned for not exceeding two years.

BURGO, LUC. DE, the first European writer on Algebra, died 1494.

BURGOS, siege of, abandoned by the allied army under Lord Wellington, Oct. 20, 1812. Castle, and works of, blown up by the French, June 13, 1813.

BURGOYNE, GENERAL, who surrendered himself and the British army to the Americans, at Saratoga, 1777, author of the "Heiress," &c., died the same year.

BURGUNDIAN CROSS, order of knighthood, began 1535.

BURGUNDY, the dukedom of, established, 890; the kingdom founded, 413, again in 814, united to the German empire, 1035; disunited by a revolt, and divided into four sovereignties, 1074; organized by Charles V., 1548; is now included in the kingdom of France, and divided into the departments of Cote d'Or, Saone and Loire, Ain and Yonne.

BURGUNDY CANAL, which has been many years in progress, was opened for navigation, July 16, 1834.

BURIAL-PLACE, first christian one in Britain, 596. Burial-places first permitted in cities in England, 742. Burials first permitted in consecrated places, 750; in church-yards, 758; taxed, 1695, 1783; forbidden within towns in Poland, 1792.

BURIALS AND CHRISTENINGS. See **BILLS OF MORTALITY**.

BURKE, EDMUND, born at Dublin, January 1, 1730. He was chosen member for Wendover, 1765, and his first speech was on the stamp act. He maintained a steady and uniform opposition to the American war; and his speech against the Boston port bill was one of the most perfect specimens of oratory that had ever been exhibited in the British senate. In 1774, elected member for Bristol; 1775, brought forward his thirteen celebrated propositions, which were intended to close the fatal breach between America and the mother country. His impeachment of Warren Hastings was one of the next and most important events of his life, 1789. In 1790, he published his Reflections on the Revolution in France. He died July 8, 1797. "The qualities of his heart," says one of his biographers, "were not less amiable and estimable than his talents were astonishing—benevolent, just, temperate, and magnanimous. His principles were as strict, and habits as virtuous, as his dispositions were kind."

BURKETT, REV. WILLIAM, author of the Commentary on the New Testament; born 1650, obtained the vicarage of Dedham, Essex, 1692, died 1703.

BURLEIGH, CECIL LORD, the celebrated minister of queen Elizabeth, born 1520. In 1547, appointed by the protector master of requests; 1548, made secretary of state; but the following year, the duke of Northumberland's faction prevailing, he suffered the disgrace of the protector Somerset, and was sent prisoner to the Tower. On queen Elizabeth's accession, in 1558, he came into power; 1572, was honoured with the garter, and raised to the office of lord high treasurer of England. Having filled the highest and most important offices of the state for forty years, and guided the helm of government during the most glorious period of English history, he died August 4, 1598, in the 78th year of his age.

BURLINGTON, American camp at, surprised by Colonel Vincent, June 5, 1813.

BURLINGTON PIER built, 1797.

BURLINGTON HOUSE, grand fête given at, by White's club, to the duke of Wellington, June 30, 1815;—grand fête given at, by the officers of the army to the duke of Wellington, July 18, 1815.

BURMAN, PETER, the commentator, born 1668, died 1741.

BURMAN, or BIRMAN EMPIRE. Little is known of the ancient history of the Burmans, except that they were governed by a long line of kings, subject to the king of Pegu. The empire, in the present form, originated about the middle of the sixteenth century, when the Birmans effected a revolution, and made themselves masters of Ava. In 1740, several provinces revolted, and a civil war ensued, which was prosecuted on both sides with great fury. In 1752, the capital of Ava was invested by the Peguers, and the Birmans, after a short siege, were compelled to surrender at discretion. The Pegu sovereign when he had completed the conquest of Ava, returned to his own country.

1753. Alompra (the founder of the present dynasty), a person of low extraction, gained possession of Ava, and founded the town of Rangoon. In 1756 he advanced against the city of Pegu, and took possession of it in a few months, giving up the city to pillage and massa-

cre, and taking the king himself prisoner. After repeated triumphs, and the capture of several important towns, he died May 15, 1760. He was succeeded by his eldest son, Namdogee Praw, who, after suppressing several insurrections, died 1764, leaving an infant son, named Momien. His uncle, Shembuan, second son of Alompra, usurped the royal power, and sent the minor to be educated in obscurity among the Rhahaans, or monks. After various military exploits, in the course of which he subjected to a state of permanent vassalage several of the neighbouring provinces, the emperor Shembuan died in 1776, and was succeeded in the government by his son, Chengeuza. He was slain in 1781, and fell unlamented, as he lived despised. 1782, his uncle, Minderajee Praw, the fourth son of Alompra, the founder of the dynasty, ascended the throne. The Burmese arms were then turned towards the Siamese, from whom, between 1784 and 1793, they conquered the provinces of Tavoy, Tennasserim, Junk Ceylon, and the Mergui isles. In 1795, a Burmese army of 5,000 men pursued three distinguished robbers into the British district of Chittagong, where their progress was opposed by a strong detachment from Calcutta, and, after much negotiation, retreated within their own limits; the then refugees were subsequently given up, and two out of the three executed with tortures. This acquiescence on the part of the British government had a prejudicial effect on the subsequent conduct of the Burmese. From the year 1795, until 1809, when captain Canning's mission took place, the condition of this empire, both moral and political, had been progressively deteriorating.

1814. This barbarous court formed a confederation of all the native princes of India to effect the expulsion of the British. In 1817, and the following years, they directed their arms towards the north, where they made a conquest of the extensive jungle countries of Assam and the adjacent petty states south of the Brahmaputra, where they established and retained a permanent military force, and threatened the north-western quarter of the Bengal province, hitherto reputed unassailable. Minderajee Praw died in 1819, and was succeeded by his grandson, Madu Chew, and son of the Engy Tekien, or heir apparent, favour-

ably mentioned by colonel Symes in 1795.

1824. The unprovoked aggressions of the Burmese troops on the south-eastern frontier of Bengal, and the contemptuous silence of the court to every remonstrance on the subject, led to a rupture with the British, which commenced in May, and lasted until the 24th of February, 1826, when a treaty of peace was concluded by Sir Archibald Campbell at Yandaboo. By the conditions of this treaty the king of Ava renounced all claims on Assam, Cachar, Genthiah, and Munipoor; ceded the provinces of Arracan, Ye, Tavoy, Tenasserim, and Martaban, south of Saluen river; engaged to pay one crore of rupees as an indemnity, and to receive a resident British ambassador in his capital. This war was distinguished from every other by its duration, by its great privations, by difficulties of every kind, arising from the climate and nature of the country. All these the British army, never exceeding 5,000 fighting men, surmounted, and distated peace almost at the gates of the enemy's capital.

1837. A revolution took place; thereigning sovereign having been deposed by his brother, Therawadee, the heir presumptive to the throne. The new monarch exhibited a decided aversion to the British, and seemed disposed rather to contract than extend his relations with them. He gave the British resident to understand that he would not tolerate an English spy in his dominions, and his conduct became so violent in 1838 as to render a rupture with Burmah highly probable.

BURNET, GILBERT, an eminent English prelate, born at Edinburgh, 1643. In 1679, he published his *History of the Reformation*, for which he had the thanks of both houses of parliament; the same year he became acquainted with the earl of Rochester, with whom he spent one evening in a week, discoursing with him seriously on the great truths of the christian religion. The happy effects of these conferences occasioned the publication of his account of the life and death of that earl. In 1688, finding King James plainly subverting the constitution, he omitted no method to support and promote the design which the Prince of Orange had formed for delivering Great Britain, and came over with him in quality of chaplain. He was soon advanced to the see of

Salisbury. In 1698, appointed preceptor to the duke of Gloucester, in whose education he took great interest. In 1699, he published his exposition of the Thirty-nine Articles; which occasioned a representation against him in the lower house of convocation, in the year 1701; but he was vindicated in the upper house. He died in 1715.

“Bishop Burnet,” says the marquis of Halifax, “makes many enemies by setting an ill-natured example of living, which they are not inclined to follow. His indifference for preferment, his contempt not only of splendour, but of all unnecessary plenty, his degrading himself into the lowest and most painful duties of his calling, are such unprelatical qualities, that let him be never so orthodox in other things, in these he must be a dissenter. Virtues of such a stamp, are so many heresies, in the opinions of those divines who have softened the primitive injunctions so as to make them suit better with the present frailty of mankind. No wonder, then, if they are angry, since it is in their own defence; or that, from a principle of self-preservation, they should endeavour to suppress a man, whose parts are a shame, and whose life is a scandal to them.”

BURNET, THOMAS, a learned and ingenious divine, born at Croft, in Yorkshire, in 1635; entered, in 1651, at Clarehall, in the University of Cambridge. Of his celebrated work, entitled, “*Telluris Theoria Sacra*,” &c., the first two books were published in 1680, and the two remaining books in 1689, in 4to. To the 6th edition in 1726, is added, the “*Author's defence of the Work from the Exceptions of Mr. Warren, and the Examination of Mr. Keil.*” In 1685, Dr. Burnet was elected into the mastership of the Charter-house. In 1692, he published his “*Archeologiæ Philosophicæ*,” in which he not only questioned the literal history of the fall, but imprudently introduced an imaginary dialogue between Eve and the serpent, which gave great offence. So sensible was he of the imprudence of this dialogue, that when a new edition of the “*Archeologiæ*” was printed in Holland, he desired that it might be suppressed; and it was likewise omitted in the second edition, of the year, 1733. He died September 27, 1715.

BURNEY, CHARLES, Mus. Doc. born 1726, died 1814.

BURNEY, DR. CHARLES, an eminent classical scholar, died Dec. 28, 1817.

BURNHAM PRIORY, Bucks, built, 1266.

BURNING-GLASSES. Their use appears to be of great antiquity. Aristophanes, who flourished A. C. 400, makes mention of them as far as relates to refraction, in his comedy of the Clouds. Euclid, A. C. 280, notices in his optics, the burning power of refractors. Archimedes, as we are informed by Tezetzes, set fire to the Roman fleet under Marcellus, which had assembled before the city of Syracuse, "by means," says Kircher, "of a burning-glass, composed of small square mirrors, moving every way upon hinges; which, when placed in the sun's rays, directed them upon the Roman fleet, so as to reduce it to ashes, at the distance of a bow-shot," A. C. 210. We are likewise informed by Zonaras, that, when Vitalianus besieged Byzantium, A. D. 514, his ship experienced a similar fate, by means of a brazen speculum, contrived and managed by Proclus. The most remarkable burning-glasses of modern date, are those of Magine, Sapatala of Milan, Settala, Villette of Lyons, Newton, Tschirnhausen, Buffon, Trudaine, and Parker. Mr. Parker's lens, made about 1800, was two feet and a half in diameter, its weight was 212 pounds; focal length, six feet eight inches, and the diameter of the focus one inch.

BURNING-HILL, or Cliff, on the north-eastern coast of Weymouth Bay, opposite the island of Portsmouth, appeared March 16, 1827.

BURNING ALIVE, on account of religious principles, the first was Sir William Sawtree, Feb. 19, 1401.

BURNS, ROBERT, the celebrated Scottish poet, born January 25, 1759, of humble parents. Published the first edition of his poems, in 1786, which produced him nearly twenty pounds. In 1787, the second edition made its public appearance. The fame of our poet, which had hitherto begun to dawn, now burst forth in meridian splendour. Having settled accounts with his publisher, in February, 1788, Burns became master of £500, when he fell into dissipation. Received an appointment as an excise-man, about 1789. At last, crippled, emaciated, having the very power of animation wasted by disease, quite broken-hearted by the sense of his er-

rors, and of the hopeless miseries in which he saw himself and his family plunged; he died at Dumfries, in July, 1796, in the 38th year of his age. A monument to his memory at Ayr, was completed July 4, 1823.

BURR, COLONEL AARON, who made himself conspicuous in the American war, was born in 1756, and joined the army under general Washington, then before Cambridge, as a volunteer, in Aug. 1775. He was aid-de-camp to general Montgomery on the remarkable night of the 31st December, 1775, when the assault was made on the city of Quebec. After serving the campaign of Canada, he returned to New York, and entered the family of general Washington; appointed aid-de-camp, to general Putman, and fought bravely in the battle of Long Island; after which he was made colonel in 1777, remained in the army, and was a conspicuous officer in the battles of New Jersey. In 1780, retired in consequence of illness. As soon as peace was declared, he was appointed a judge of the supreme court of the state of New York, which honour he declined. Was chosen United States' senator, which he held from 1793 to 1799. In 1801, he was chosen vice-president, which term expired in 1805. On the 10th of July, 1804, he killed, in a duel, general A. Hamilton, who had been ambassador from the United States to France. This unfortunate occurrence put an end to his official career, and in fact drove him from his country. He then engaged in the celebrated Burr's expedition destined to Mexico, was arrested, tried for high-treason, and acquitted at Richmond in 1807. He soon after left the country, but returned in 1811, and re-commenced his profession as counsellor-at-law. Died at the Richmond House, Mesereau's Ferry, Staten Island, October, 1836, aged 80.

BURROUGH CHAPEL, Somersetshire, was standing 900.

BURROW, SIR JAMES, law writer, born 1701, died 1782.

BURTON, ROBERT, author of the Anatomy of Melancholy, born Dec. 8, 1576.

BURTON ABBEY, Staffordshire, built, 1040.

BURWELL, in Cambridgeshire, had a barn with 160 persons in it, to see a puppet-show, set fire to, when all, except six, were burnt, Sep. 8, 1727.

BURY, in Lancashire, its playhouse, containing upwards of 300 persons, fell down during the performance, and buried the audience under its ruins. Five persons were killed on the spot, and many had their limbs broken, July 1, 1787.

BURY CASTLE, Suffolk, built 1020.

BUSBY, Rev. Dr. R., master of Westminster school, born 1606, died 1695.

BUSBY, Dr., author of "Lucretius," &c., died April 28, 1838.

BUSCH, JOHN G., a German political economist, born 1728, died 1800.

BUSHES of evergreen, such as ivy, cypress, &c., were anciently signs where wine was sold. Hence the proverb, "Good wine needs no bush."

BUTCHERS COMPANY, London, incorporated 1604; hall burnt down, 1829; rebuilt, 1833.

BUTLER, CHARLES, king's counsel, and voluminous writer, born 1750, educated at the Roman Catholic academy at Hammersmith, and at the English college at Douay. First appeared before the public in 1773, in an anonymous essay on "Houses of Industry." His next publication was an essay on the legality of impressing seamen, 1778. In 1797, he printed his "Horæ Biblicæ," in 1804, his "Horæ Juridicæ Subsecivæ." He died June 2, 1832, aged 82.

BUTLER, SAMUEL, author of Hudibras, born 1612. The first part of Hudibras was published in 1663, in 8vo., and afterwards came out the second part, and both were printed together, with several additions and annotations. The third and last part was published some time after, and a complete edition of the whole was printed under the author's inspection in 1678. He died in poverty in 1680.

A monument, raised by private subscriptions, was erected to his memory in Westminster-abbey, on which are inscribed the following lines:—

"A few plain men, to pomp and pride unknown,
O'er a poor bard have raised this humble stone,
Whose wants alone his genius could surpass.
Victim of zeal! the matchless Hudibras!
What! tho' fair freedom suffered in his page!
Reader! forgive the author—for the age—
How few, alas! disdain to cringe and cant,
When 'tis the mode to play the sycophant!
But oh! let all be taught from Butler's fate
Who hope to make their fortune by the great,
That wit and pride are always dangerous things
And little faith is due to courts and kings."

Mr. Granger observes, that Butler stands without a rival in burlesque poetry. "His Hudibras," says he, "is in its

kind almost as great an effort of genius as the Paradise Lost itself. It abounds with uncommon learning, new rhymes, and original thoughts. Its images are truly and naturally ridiculous. There are many strokes of temporary satire, and some characters and allusions which cannot be discovered at this distance of time."

BUTLER, BISHOP, born 1692, died 1752.

BUTLEY PRIORY built 1771.

BUTTER. According to Beckmann, butter was not used either by the Greeks or Romans in cooking, or the preparation of food, nor was it brought upon their tables by way of dessert, as is every where customary at present. We never find it mentioned by Galen and others as a food, though they have spoken of it as applicable to other purposes. No notice is taken of it by Apicius, nor is there any thing said of it in that respect by the authors who treat of agriculture, though they have given us very particular information with respect to milk, cheese, and oil. This, as has been remarked by others, may be easily accounted for, by the ancients having accustomed themselves to the use of good oil; and, in the like manner, butter is very little employed at present in Italy, Spain, Portugal, and the southern parts of France. Considerable quantities of butter are made in Ireland, and it forms a prominent article in the exports of that country.

The production and consumption of butter in Great Britain is very great. In the metropolis it may be averaged at about one half pound per week for each individual, being at the rate of 26lbs. a year; and, supposing the population to amount to 1,450,000, the total annual consumption would, on this hypothesis be, 37,700,000lbs., or 16,830 tons. To this may be added 4000 tons for victualling ships, &c., making a total of about 21,000 tons. The average produce of each cow in the dairies is 168 lbs. per annum. It has, therefore, been estimated that it requires 280,000 cows to produce an adequate supply for the London markets.

The total quantity (in hundred weights) of butter imported into Great Britain from foreign countries and Ireland in each year, from the 5th of January, 1801, to the 5th of January, 1832, was as follows:—

Years.	Quantity of Butter imported into Great Britain from Ireland.	Total from all parts, except Ireland.
	Cwt.	Cwt.
1801.....	186,821	115,130
1802.....	254,248	93,018
1803.....	246,388	104,120
1804.....	196,037	126,734
1805.....	242,441	96,843
1806.....	261,911	85,657
1807.....	314,386	87,346
1808.....	312,408	79,590
1809.....	317,676	76,283
1810.....	311,551	33,244
1811.....	353,791	2,810
1812.....	311,475	25,894
1813.....	351,832	Records were destroyed by fire.
1814.....	315,421	115,798
1815.....	320,655	125,300
1816.....	280,586	64,143
1817.....	305,662	20,690
1818.....	352,538	83,694
1819.....	429,614	66,050
1820.....	457,730	68,557
1821.....	413,088	115,827
1822.....	377,651	118,420
1823.....	466,834	122,331
1824.....	431,174	160,654
1825.....	425,670	279,418
1826.....	No account received.	196,200
1827.....	—————	211,141
1828.....	—————	201,673
1829.....	—————	148,164
1830.....	—————	108,854
1831.....	—————	123,670
1832 :....	—————	131,202

BUTTONS covered with, and button-holes of cloth prohibited by law, 1721.

BYE LAWS of corporations restrained, 1534; regulated by Municipal Reform Act, 1836.

BYLAND ABBEY, Yorkshire, built, 1134.

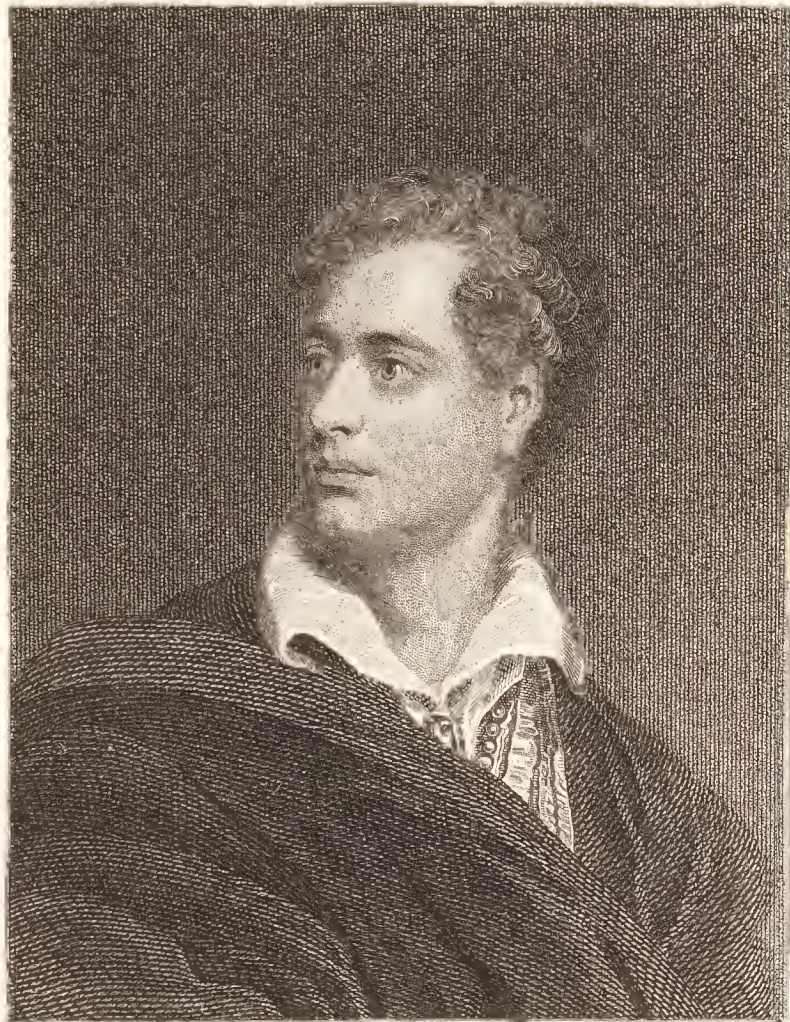
BYNG, admiral, misbehaved off Minorca, May 20, 1756; brought prisoner to Greenwich, August 9, 1756; tried at Portsmouth, and condemned, January 28, 1757; shot at Portsmouth, on board the Monarch ship of war, March 14, 1757.

BYRNE, WILLIAM, an English engraver, born 1743, died Sept. 24, 1805.

BYRON, LORD, tried for murder, and acquitted, April 16, 1765.

BYRON, GEORGE GORDON NOEL,

Lord, born at London in 1788, and succeeded to the title and estates of William, the 5th Lord Byron, at the early age of ten years. His lordship's mother died in 1811. Lord Byron spent some of the first years of his life in Aberdeenshire. His frame, which was delicate, was invigorated by the keen air of that mountainous district, and in 1798, he was sent to Harrow School. He became a student at Trinity College, Cambridge, 1804. While enthusiastically attached to classical pursuits, he caught all the inspiration to be derived from the poets and historians of Greece and of Rome. In 1807, he took up his residence at Newstead Abbey, and in about a year afterwards, embarked at Falmouth for Lisbon, and travelled in Spain, Portu-



LORD BYRON.

A handwritten signature in cursive script, which appears to read "Byron". The signature is written in dark ink and is positioned below the engraving.

gal, and his beloved Greece. In 1811, he published the "Giaour," the "Bride of Abydos," and the "Corsair." Jan. 2, 1815, he married at Seaham, in the county of Durham, the only daughter of Sir Ralph Milbanke Noel, but shortly after a separation took place, and he suddenly left the kingdom, with the resolution never to return.

During his travels while at Rome, he completed his "Childe Harold," the last canto of which was published in 1818. His lordship proceeded to Greece, to take part in the cause of freedom there: the chivalrous ardour with which he had engaged in the cause, manifested itself even on his death-bed. "He began," says Count Gamba, (who attended him in his expedition) "to talk wildly, as if he was mounting a breach in an assault. He called out half in English, half in Italian, 'Forward! forward! Courage! Follow my example!—don't be afraid!' &c. At another time, on recovering his faculties, he spoke of Greece, saying, 'I have given her my time, my means, my health, and now I give her my life—what could I do more.'"

The immediate cause of his lordship's death was inflammatory rheumatic fever, supervening on a previous attack of illness, brought on by perturbation of mind, and from which he had only partially recovered. Refusing to be bled, the disorder made a rapid progress, and in ten days he was no more. His lordship's decease took place at Missolonghi, April 19, 1824.

The remains of this illustrious nobleman were conveyed to England, and deposited in the church of Hucknall Torcard, in Nottinghamshire, about four miles from Newstead Abbey, where an elegant Grecian tablet of white marble, is erected to his memory. It bears the following inscription:—"In the vault beneath, where many of the ancestors of his mother are buried, lie the remains of George Gordon Noel Byron, Lord Byron of Rochdale, in the county of Lancaster, the author of 'Childe Harold's Pilgrimage.' He was born in London, on the 22nd January, 1788; he died at Missolonghi, in Western Greece, on the 19th of April, 1824, engaged in the glorious attempt to restore that country to her ancient freedom. His sister, the Honourable Augusta Maria Leigh, placed this tablet to his memory."

The following is a list of his principal works, not already mentioned:—The Prisoner of Chillon, a drama; Manfred, a dramatic poem; and the lament of Tasso, 1817; Beppo, a Venetian Story; 1818; Mazeppa; Don Juan; Marino Faliero, the Doge of Venice, an historical tragedy; Sardanapalus, a tragedy; the Two Foscari; and Cain, a Mystery, about 1819. The last works of his lordship were, Werner, a tragedy; Heaven and Earth, a Mystery; and the Deformed Transformed. In 1823, he was invited to Missolonghi, by the heroic Marco Botzari, who fell soon after.

BYSHAM ABBEY, Berks, built 1338.

BYZANTINE HISTORIANS. The whole of the Byzantine series (36 volumes in folio,) was published at Paris, 1643, from the royal press of the Louvre, with some collateral aid from Rome and Leipsic; the Venetian edition was published 1729; though cheaper and more copious it is inferior in correctness as well as magnificence to that of Paris. The merits of the French editions are various; but the value of Anna Comnena, Cinnamus, Villehardouin, &c., is enhanced by the historical notes of Charles du Fresne du Cange. His supplemental works, the Greek Glossary, the Constantinopolis Christiana, the Familiæ Byzantinæ, diffuse a steady light over the darkness of the Lower Empire. (Gibbon.)

BYZANTIUM, an ancient city of Thrace, situated on the Bosphorus, now known by the name of Constantinople. According to Diodorus Siculus, this city was founded about A.C. 1263.

Byzantium underwent many revolutions, and frequently changed masters, having been sometimes in the possession of the Persians, sometimes of the Lacedæmonians, and also of the Athenians, who took it about the year A.C. 407. It was attacked by Philip of Macedon, A.C. 339, and reduced to the form of a Roman province, A.D. 71.

In 194, this city, being invested by Severus, the inhabitants defended themselves with the greatest resolution. In 323, it was taken from Licinius by Constantine the Great, who enlarged and beautified it. The removal of the imperial seat from Rome to Constantinople, happened in the year 330, the 25th of Constantine's reign, and 1128 after the foundation of Rome.

C.

CABINET COUNCIL first instituted, April 25, 1670.

CABLES, a method of making them, invented 1792, by which 20 men were enabled to do the work of 200. The machine is set in motion by 16 horses, for the cable is of the dimensions of the largest ship.

Chain cables were invented in the 17th century, and gradually introduced in the navy. About the year 1838, an improved French cable was invented consisting of a combination of the hempen with the chain cables; it has been introduced into the French navy, with some success; the chain cable being affixed to the anchor in the usual way, in length from twenty-five to forty fathoms. The object of this arrangement, is to allow the chain to drag along the bottom of the sea, and prevent abrasion to the hempen cable. Thus, it is supposed, that greater elasticity is produced than can be obtained by a chain cable alone, and the durability of the hempen cable is prolonged. The cable also being lighter and more manageable, is more favorably adapted for the evolutions of the ship, either in casting or weighing anchor, likewise for kedging: the advantages of lightness are evident; and there are other recommendations besides cheapness.

CABOOL or **CABUL**, kingdom of, central Asia, comprising a large part of Afghanistan. The Afghans, are a robust hardy race; originally lived in the mountains between Persia, Hindoostan, and Bactria. In 997, Cabool was invaded by Sebuctaghi, the first sovereign of the Ghizni dynasty. The whole was finally subdued by Sultan Mahmood about 1008.

Cabool attracted attention in 1809, when the French projected the invasion of Hindostan through the Afghan dominions, to counteract which, Mr. Elphinstone was sent to Peshawer, by the Bengal government, and concluded arrangements which completely neutralized the projected expedition. In 1826, Cabool was partitioned amongst the sons of the late Vizier Futteh Khan, who were always at variance.

1838. The Chief of Cabool, Dost Mahomed Khan joined the Persians in their attack upon Herat, and advised that the

troops of Persia and Cabool should march upon the Indus. The ruler of Herat, Shah Soojah, having defeated the Shah of Persia, attempted the recovery of the crown of Cabool which he had lost. In consequence, a treaty was concluded between the British and Sikh government on the one part, and Shah Soojah, the dethroned sovereign of Cabool, on the other, to restore this prince to his rightful power. The British troops entered Afghanistan as auxiliaries of the legitimate king of Cabool, at the close of the year.

1839. In July, the British army which marched from Candahar, in four divisions, on May 27, 28, and 29, and June 3, was concentrated at Nanee, 12 miles from Ghizny. At two o'clock on the morning of the 23rd, the troops under the command of Sir J. Keane, commenced an attack on the citadel of Ghizny, (one of the strongest places in Asia,) defended by a garrison of 3,500 men, and commanded by a son of the ex-king of Cabool. At 3 o'clock, the gates were blown in by the artillery, and under cover of a heavy fire, the infantry forced their way into the place, and succeeded at five o'clock in fixing the British colours on the tower of the citadel. Five hundred of the garrison were killed, and the remainder, with their commander, made prisoners. The loss on the English side was 191, killed and wounded. When the news of this event reached Cabool, Dost Mahomed sallied forth with 13,000 men, but was shortly deserted by the greater part of his army, and compelled to fly with only 300 men, abandoning his artillery, ammunition, baggage, &c. Shah Soojah was consequently restored to the sovereignty of Cabool.

CABOT, SEBASTIAN, the first discoverer of the continent of America, born at Bristol in 1477. He sailed in 1497, and discovered Newfoundland, and afterwards the coast, as far as Cape Florida. In 1552, he laid proposals before the king for a discovery of the north-east passage to China and the Indies, which produced the first voyage the English made to Russia, and the beginning of that commerce which has ever since been carried on between the

two nations. The Russian company was also founded, of which he was appointed governor. He was the first who took notice of the variation of the compass. He died about 1557.

CABRIOLETS, HACK, the first introduced into London, and 50 started, 1823 and 1824.

CADE, JACK, the rebel, killed by Alexander Iden, 1451.

CADIZ. The origin of the city, is referred, by tradition, to the Phœnicians, who are said to have settled a colony there, giving it the name of Gadir, which the Romans changed into Gades. This city was taken and pillaged in 1596, by the English, under the earl of Essex, and the lord-high admiral Howard; was attempted again in 1626, by lord Wimbledon, who was sent hither with a fleet of eighty ships; again in 1702, by the duke of Ormond, and sir George Rooke.

Cadiz was bombarded by the English, in 1800, and it was from its bay that Villeneuve sailed in 1805, to fight the battle of Trafalgar. In 1808, the French fleet here surrendered to the Spaniards; and in 1809, Cadiz became the seat, first of the central Junta, and afterwards of the Cortes. It was blockaded by the French, from February 6, 1810, to Aug. 25, 1812, and not released until after the battle of Salamanca. The French occupied it after a short siege, in 1823.

1829. Cadiz was made a free port, that is, a port where goods may be consumed and bonded, without paying duty. This afforded opportunity for smuggling. The government having seen this effect of the franchise, it was withdrawn on December 22, 1832.

CADMUS, founder of Thebes, introduced letters into Greece A.C. 1493.

CADOUDAL, GEORGE, the French royalist, guillotined, 1804.

CAEN, in Normandy, is of very great antiquity; it is known to have been a place of note in the time of William the Conqueror, who chose it for his favorite residence, and who lies buried in the Abbaye aux Hommes. Edward III. of England, in advancing to fight the battle of Cressy, in 1346, took it after a desperate resistance. Caen was taken by the English in 1417, and continued in their hands until 1448, when it was retaken by Charles VII. of France. Admiral de Coligni took it for the Protestants, in 1562. It was occupied by the Prussians in 1815.

CAERLAVERVE CASTLE, Scotland, built 1638.

CAERNARVON, North Wales, originally erected by Edward I., in 1282, and completed in a year. In 1283, Edward I. constructed a strong castle, where his son Edward II., the first prince of Wales, was born. In 1294, the town and castle were surprised by the Welsh, and many Englishmen slain. Long afterwards, it participated in the civil wars of Charles I., and was twice captured and retaken before his death.

CAERNARVON, second earl of, born June 3, 1772, died April 16, 1833.

CÆSALPINUS, AND., the first systematic writer on botany, born 1519, died 1603.

CÆSAR. See **JULIUS CÆSAR**.

CÆSAR, SIR JULIUS, the antiquary, born 1557, died 1636.

CÆSAREA STRATONIS, built after twelve years' labour by Augustus Cæsar, A.C. 7; afterwards enlarged by Herod the Great. In this city, Peter was the means of converting Cornelius and his kinsmen to Christianity. Here Paul defended himself against the Jews and their orator Tertullus; see the Book of Acts. Dr. Clarke, who visited the ruins of Cæsarea, thus expresses his feelings on beholding it: "But as we viewed the ruins of this memorable city, every other circumstance respecting its history was absorbed in the consideration, that we were actually beholding the very spot where the scholar of Tarsus, after two years' imprisonment, made that eloquent appeal, in the audience of the king of Judea, which must ever be remembered with piety and delight." The city is now in utter desolation.

CÆSARIAN SECTION, first performed in midwifery, on living persons, in the sixteenth century.

CAFFA or **KAFFA**, (ancient Theodosia), town in the Crimea, formerly a rich and populous place. It was plundered by the English in 1346; and captured by the Turks, 1475. The Tartars called it Little Constantinople, but from the period of its capture by the Turks, it began to decline. In 1783, it was ceded to Russia, and the empress called it Feodocia, from its ancient name of Theodosia.

CAFFRARIA, a name adopted by the Portuguese, from the Arabs, who called all the African continent south from Sofala (their most southerly settlement)

the land of Cafirs, (Infidels). Caffraria was at first applied, in the 17th century, to the whole width of the continent, but the name is now restricted to the territory on the north-east border of the Cape Colony. See CAPE OF GOOD HOPE.

CAGLIARI, called Paul Veronese, an Italian historic painter, born 1532, died 1588.

CAGNOLA, **MARQUIS LUIGI**, one of the most eminent Italian architects, of the present age. Besides various other structures executed by him, the Arch of Simplon, one of the noblest and most classical pieces of architecture Italy can boast of, will remain an enduring monument of his ability and taste. At the time of his death, he was occupied in erecting for himself, a villa of extraordinary beauty and splendour. He died August 18, 1833, aged 74.

CAILLE, **NICHOLAS LOUIS DE LA**, an eminent mathematician and philosopher, born at Rumigny, in the diocese of Rheims, in 1713. In 1739, he was conjoined with M. de Thury, son of M. Cassini, in verifying the meridian of the royal observatory, through the whole extent of the kingdom of France. In 1741, he was admitted into the Royal Academy of Sciences. Besides many excellent papers of his, dispersed up and down in their Memoirs, M. de la Caille published Elements of Geometry, Mechanics, Optics, and Astronomy. He also compiled a volume of astronomical ephemerides from the year 1745 to 1755; another from the year 1755 to 1765; a third from the year 1765 to 1775; an excellent work, entitled *Astronomiæ Fundamenta, novissimis Solis et Stellarum observationibus stabilita*, and the most correct solar tables that ever appeared. On November 21, 1750, he sailed for the Cape of Good Hope, to observe the southern stars, and arrived there on April 19, 1751. During his residence there, he observed more than 10,000 stars; and made important observations on the parallax of the Moon, Mars, Venus, and the Sun. He returned to Paris 1754, where he settled the results of the comparison of his own with the observations of other astronomers, for the parallaxes. He was elected a member of the Royal Society of London; of the Institute of Bologna; of the Imperial Academy of Petersburg; and of the Royal Academies at Berlin, Stockholm,

and Gottingen. He died March 21, 1762.

CAILLET, **M.**, a young Frenchman, arrived at Toulon, on his return from Africa, October 2, 1828, having penetrated to Timbuctoo.

CAIN born, A.C. 4003.

CAINAN born, A.C. 3679, died A.C. 2769.

CAIRO, **GRAND**, founded by the Saracens, 969, nearly destroyed by an earthquake, and 40,000 inhabitants lost, June 2, 1754; taken by the French 1798; there was an insurrection there, the same year; recovered by the French, 1800, who were expelled by the British, 1801; restored to the Turks, 1803.

CAISSAR, in Turkey, ruined by an earthquake, when 6,000 persons were killed, April, 1794.

CAIUS, or **KAYE**, **JOHN**, an antiquary, born 1510, died 1573.

CAIUS CÆSAR went as general to the Armenian war, A.C. 2; his interview with Tiberius, A.D. 1.

CAIUS LÆLIUS, the Roman orator, flourished 196.

CAIUS MARIUS, imprisoned Metellus 119.

CAIUS MARTIUS RUTILIUS, the first dictator at Rome, 356.

CALABRIA, a country of Italy, in the kingdom of Naples, divided into Calabria Ultra, and Calabria Citra, or Farther and Hither Calabria. It has been in all ages convulsed and desolated by earthquakes. Those in 1783 were the most ruinous in their effects. The reiterated shocks extended from Cape Spartivento to Amantea above the Gulf of St. Eufemia, and also affected that part of Sicily, which lies opposite to the southern extremity of Italy. In 1832, on March 8, an earthquake was felt in the Calabrias; the centre of which appeared to be in that part of the second Calabria Ultra, where Calanzaro, the chief town, is situated. The shock lasted about eleven seconds, and took place in a direction south east and north west. The commune of Cutro was reduced to a heap of ruins. The number of the dead was said to exceed sixty. On Nov. 12, 1835, a strong shock was felt in Calabria Citra. Castiglioni, a commune in the district of Cosenza, was levelled to the ground, and 100, out of a population of 1,000, met an untimely death. The villages of Bovello, Leppano, Rende, and Casole, all suffered severely.

CALAFAT abandoned by the Turks,

and occupied by the Russians under general Geismar, Oct., 1828.

CALAIS. In the twelfth century it was but a village, belonging to the counts of Bologne, but was afterwards forfeited; taken by the English army, under Edward III., 1347, continued in the possession of the English until 1558, when it was taken by surprise by the duke of Guise. It has since frequently changed masters, and was bombarded by Sir Cloudesly Shovel, in 1694 and 1696, but without receiving much damage. At the restoration of the Bourbon dynasty, in 1814, Louis XVIII. landed here, and a monument is erected on the spot to commemorate the event.

CALAMY, EDWARD, born 1600, ejected from his living 1662, died 1666.

CALAMY, EDMUND, son of the preceding, and an eminent nonconformist divine and writer, born at London, April 5, 1671. In 1694, he was ordained at Mr. Annesly's meeting-house, in Little St. Helens, London. In 1702, chosen to be one of the lecturers in Salters' Hall; and in 1703, succeeded Mr. Vincent Alsop, as pastor of a large congregation in Westminster. He drew up the table of contents to Mr. Baxter's History of his Life and Times, which was sent to him in 1696; to which he added an account of other ejected ministers; an apology for themselves and adherents; and a continuation of their history to the year 1691. In 1728, appeared his further continuation of the account of the ministers, lecturers, masters, and fellows of colleges, and schoolmasters, who were ejected, after the restoration in 1660, by or before the act of uniformity. He died, June 3, 1732, regretted not only by the dissenters, but also by the moderate members of the established church, both clergy and laity, with many of whom he lived in great intimacy.

CALATRAVA, order of knighthood instituted in Spain, 1158.

CALCUTTA, founded on the site of a small village, 907. The English first obtained permission to settle in this place in 1690. In 1717, it was still little more than a village, appertaining to the district of Nuddea, the houses of which were scattered about in clusters of ten and twelve each, inhabited principally by husbandmen. In 1742, a ditch was dug round a considerable portion of the town, to prevent the incursions of the Mahrattas; at that time there were

about seventy houses in the town belonging to the English.

1756. Calcutta was taken by the nabob Surajah Dowla, who marched against it with 70,000 horse and foot, and 400 elephants. In the evening of June 20, the English prisoners, to the number of 146, were about eight o'clock crammed together in the Black Hole prison, a dungeon about 18 feet square, in a close sultry night, in Bengal, shut up to the east and south, the only quarter from whence air could reach them, by dead walls, and by a wall and door to the north. They had been but a few minutes confined before every one fell into a perspiration so profuse, that no idea can be formed of it. This brought on a raging thirst, which increased in proportion as the body was drained of its moisture. Before nine o'clock every man's thirst grew intolerable, and respiration difficult. Before eleven o'clock, one-third of the whole number were dead. When the day broke, the Soubah, who had received an account of the havoc death had made among them, sent one of his officers to inquire if the chief survived. Mr. Holwell was shown to him, and near six in the morning an order came for their release. Thus they had remained in this prison from eight at night until six in the morning, when the poor remains of 146 souls, being only 23, came out alive; but most of them in a high putrid fever. The place was retaken by Admiral Watson and Colonel Clive, early in 1757; Surajah Dowla was defeated, deposed, and put to death, and the triumph completed at the battle of Plassey, after which Fort William was built.

The Asiatic society planned by Sir William Jones, was formed here into a regular institution January 15, 1784. In 1825, there were three daily, two three-day papers, besides one published weekly, and four native newspapers, two in the Persian and two in the Bengalese languages. The principal merchants and traders of Calcutta consist of the following classes, viz., British and other Europeans, Portuguese born in India, Armenians, Greeks, Jews, Persians from the coast of the Persian gulf, commonly called Persees, Moguls, Mohammedans of Hindostan, and Hindoos; the latter usually either of the Brahminical or mercantile castes, and natives of Bengal. In 1813, the total number of adult male

British subjects, in the Bengal provinces (the great majority being in Calcutta,) engaged in trade or agriculture, was 1,225; in 1830, it was 1,707.

1829. December 26, great confusion prevailed among the trading classes at Calcutta, in consequence of the discovery of a series of forgeries practised by some of the natives, to the amount, as estimated, of £180,000. In 1836, very great improvement was effected in the domestic economy of our Indian empire, and of Calcutta in particular, by the abolition of the duties on the transit of goods from one part of the country to another. The new customs law was enacted in May.

CALDER PRIORY, Cumberland, built in 1134.

CALDERONE, Spanish dramatist, flourished about 1640.

CALEDONIA, ANCIENT, comprehended all the country lying to the north of the rivers Forth and Clyde; or, as others state its boundaries, from the wall of Severus, connecting the east coast near Tinemouth with the Solway Frith, at Boulness, on the west coast to the northern shore. As early as the reign of Constantine, the inhabitants of Caledonia were divided between the two great tribes of the Scots and of the Picts; the former possessing the western, and the latter the eastern division of that country.

CALEDONIA, NEW, discovered by Captain Cook, 1774.

CALEDONIA EAST INDIAMAN, accidentally burnt, May 29, 1804.

CALEDONIAN CANAL, the greatest undertaking of the sort attempted in the British empire. It stretches S.W. and N. E. across the island from a point near Inverness to another near Fort William. It is chiefly formed by Loch Ness, Loch Oich, and Loch Lochy. The total length of the canal, including the lakes, is $58\frac{3}{4}$ miles; but the excavated part is only $21\frac{1}{2}$ miles. At the summit it is $96\frac{1}{2}$ feet above the level of the Western Ocean. It has been constructed upon a very grand scale, being 20 feet deep, 50 feet wide at bottom, and 122 at top; the locks are 20 feet deep, 172 long, and 40 broad. Frigates of 32 guns, and merchant ships of 1,000 tons burden may pass through it.

This canal was opened in 1822, having been executed entirely at the expense of government. The cost has been

£986,924; it promises to be a very unprofitable speculation. During the year 1829, the total revenue of the canal, arising from tonnage dues and all other sources, amounted to only £2,575 6s. 4d., while the ordinary expenditure, during the same year, amounted to £4,573 0s. $1\frac{1}{2}$ d. The twenty-eighth report states that during the year, from May 1, 1831, to May 1, 1832, the number of passengers were 1,246, of which 325 only were through the canal, viz., 143 from west to east sea, and 182 from east to west sea; 143 passengers were made on part of the line by steam vessels, and the remaining 778 passengers were by ordinary vessels, likewise on parts of the canal. The amount of tonnage rates collected in this period was £2029 18s., in addition to which a further sum of £289 5s. 7d. was received by the commissioners for rents, and from the sale of decayed vessels. The expenditure for the year amounted to £3,742 5s. 7d., showing a balance of expenditure over income to the amount of £1,423 2s.

CALENDAR, received its name from calendæ, a word which among the Romans denoted the first days of every month, and was written in large characters at the head of each month. The calendar varies in different countries, according to the different forms of the year, and distributions of time; as the Jewish, the Roman, the Julian, the Gregorian, &c. The Jewish calendar was fixed by Rabbi Hillel, about 360, from and after which the days of their year may be reduced to those of the Julian calendar.

THE ROMAN CALENDAR, which has in great part been adopted by almost all nations, is stated to have been introduced by Romulus, the founder of the city. He divided the year into ten months only; Mars, Aprilis, Maius, Junius, Quintilis, (afterwards called Julius,) Sextilis, (afterwards called Augustus) September, October, November, December. Mars, Maius, Quintilis, and October contained 31 days, and each of the six other months 30 days; so that the ten months comprised 304 days. The year of Romulus was, therefore, of 50 days less duration than the lunar year, and of 61 days less than the solar year; and its commencement of course did not correspond with any fixed season.

Numa Pompilius corrected this ca-

alendar A.C. 709, by adding two months, Januarius, and Februarius, which he placed before Mars.

Julius Cæsar, A.C. 46, being desirous to render the calendar still more correct, consulted the astronomers of his time, who fixed the solar year at 365 days, 6 hours, comprising, as they thought, the period from one vernal equinox to another. The six hours were set aside, and, at the end of four years, forming a day, the fourth year was made to consist of 366 days. The day thus added was called intercalary, and was added to the month of February, by doubling the 24th of that month, or, according to their way of reckoning, the 6th of the calends of March. Hence the year was called bissextile. This almost perfect arrangement, which was denominated the Julian style, prevailed generally through the christian world till the time of Pope Gregory XIII.

THE GREGORIAN CALENDAR, A. D. 1582. The calendar of Julius Cæsar was defective in this particular, that the solar year, consisting of 365 days, 5 hours, and 49 minutes, and not of 365 days, 6 hours, as was supposed in the time of Julius Cæsar, there was a difference between the apparent year and the real year of eleven minutes. This difference, at the time of Gregory XIII., had amounted to ten entire days, the vernal equinox falling on the 11th, instead of the 21st of March, at which period it fell correctly at the time of the council of Nice, in the year 325. To obviate this inconvenience, Gregory ordained, in 1582, that the 15th October should be counted instead of the 5th for the future; and to prevent the recurrence of this error, it was further determined that the year beginning a century should not be bissextile, with the exception of that beginning each fourth century. Thus, 1700 and 1800 have not been bissextile, nor will 1900 be so, but the year 2000 will be bissextile. In this manner three days are retrenched in four hundred years, because the lapse of the eleven minutes makes three days in about that period. The year of the calendar is thus made as nearly as possible to correspond with the true solar year, and future errors of chronology are avoided.

The adoption of this change, which is called the Gregorian or New Style, (the Julian being called the old style,) was

for some time resisted by states not under the authority of the see of Rome. The change of the style in England was established by an act of parliament passed in 1752. It was then enacted that the year should commence on the 1st of January, instead of March, 25; and that in the year 1752, the days should be numbered as usual until Sept. 2, when the day following should be accounted the 14th September, omitting eleven days. The Gregorian principle of dropping one day in every hundredth year, except the fourth hundredth, was also enacted. The alteration was for a long time opposed by the prejudices of individuals; and even now, with some persons, the old style is so pertinaciously adhered to, that rents are made payable on the old quarter-days, instead of the new.

The Russians still retain the old style, thus creating an inconvenience in their public and commercial intercourse with other nations, which we trust that the growing intelligence of the people will eventually correct.

FRENCH CALENDAR. During the period in which France was a republic, the authorities introduced an entire change in the calendar, which was in existence more than twelve years; and is important to be noticed, as all the public acts of the French nation were dated according to this altered style. The National Convention, by a decree of the 5th October, 1793, established a new era, which was called, in the place of the Christian era, the era of the French. The commencement of each year, or the first "Vendimiaire," was fixed at the midnight commencing the day on which the autumnal equinox fell, as determined at the observatory at Paris. This era commenced on September 22, 1792, being the epoch of the foundation of the Republic; but its establishment was not decreed till the 4th "Frimaire," of the year II., (November 24, 1793.) Two days afterwards, the public acts were thus dated. This calendar existed till the 10th "Nivose," year XIV., (Dec. 31, 1805,) when the Gregorian mode of computation was restored.

CALENDS, CALENDÆ, in the Roman chronology, denoted the first days in each month. The Romans reckoned their calends backwards, or in a retrograde order; thus, the 1st of May, for

instance, being the calends of May, the last, or 30th of April, was the pridie calendarum, or end of the calends of May; in like manner the 29th of April was the 3rd of the calends of May, and so on back to the 13th, when the ides commenced; which were likewise numbered backwards to the 5th, when the nones began; and these were likewise reckoned backwards in the same manner to the 1st day of the month, which was the calends of April. To find the day of the calends answering to any day of the month, the rule is as follows:—Subtract two from the date, and subtract the remainder from the number of days the month contains; this last remainder will be the number of or before the calends.

CALIBER instrument invented at Nuremberg, 1540.

CALICO first imported by the East India Company, 1631. Printing, and the Dutch loom engine first used in England, 1676. Prohibited from being printed or worn, 1700—21. First made in Lancashire, 1772. See **COTTON**.

CALICUT, an ancient Hindoo kingdom, ceded to the British in 1792. From this port the first vessel was freighted with Indian produce and manufactures for England, by Vasco de Gama, in 1498.

CALIFORNIA. This peninsula was probably first discovered by Sir Francis Drake, 1577, and by him called New Albion. The Jesuits made their first establishment here in 1742.

CALIGULA, **CAIUS CÆSAR**, the fourth Roman emperor, began his reign in 37. After having murdered many of his subjects with his own hand, and caused others to be put to death without any just cause, he was assassinated by a tribune of the people as he came out of the amphitheatre 41, in the 29th year of his age, and the fourth of his reign.

CALIPPUS, cycle of, commenced A.C. 330.

CALLIMACHUS, the inventor of the Corinthian order of architecture, flourished A.C. 540.

CALLIMACHUS, the author of "Greek Hymns and Epigrams," flourished A.C. 300.

CALLIMACHUS, the inventor of wildfire, died A.D. 670.

CALLISTHENES, the philosopher, flourished A.C. 333.

CALMAR, union of, between Denmark, Sweden, and Norway, 1397; the

league dissolved, 1448. The town was nearly annihilated by a fire in 1800; the public buildings, including the magazine, academy, and 200 houses, were totally destroyed.

CALMET, **AUGUSTINE**, the celebrated commentator on the Bible, born at Mesnil le Horgne, a village in the diocese of Toul, in France, in the year 1672, and took the habit of the Benedictines in 1688. In 1704 he settled as sub-prior in the abbey of Munster, in Alsace. After a long course of literary labour, he died, highly esteemed, in 1757. Among the many works he published are,—1. A Literal Exposition in French, of all the books in the Old Testament, in nine volumes folio. 2. An Historical, Critical, Chronological, Geographical, and Literal Dictionary of the Bible, in four volumes folio, enriched with a great number of figures of Jewish antiquities. 3. A Civil and Ecclesiastical History of Lorraine, three volumes folio. 4. A History of the Old and New Testament, and of the Jews, in two volumes folio, and seven volumes duodecimo. 5. An Universal Sacred and Profane History, in several volumes, quarto. A new and valuable edition of his Dictionary, with considerable retrenchments and additions, and a new set of plates, under the direction of Mr. C. Taylor, appeared in London in 1797, &c.

CALMUCS, a people and country of central Asia. Prior to the time of Genghis Khan a part of this people made an expedition towards the west, as far as Asia Minor, and being lost amongst the Caucasian Mountains, never returned. In the seventeenth and eighteenth centuries the Soongar Calmucs subdued the other tribes, and made a desperate war upon the Chinese; but this terminated in the dispersion and ruin of the whole tribe. In 1759, about 2,000 families of the Choschot tribe settled on the banks of the Wolga, and submitted voluntarily to the Russian monarch.

CALONNE, **CHARLES ALEXANDRE DE**, minister to Louis XVI., died October 30, 1802, aged 68.

CALORIC ENGINE, by which the heat required to give motion to the engine at the commencement of its operation is returned, and made to act over and over again; by which application of heat an almost unlimited quantity of mechanical power may be obtained; invented, 1833.

CALPEE, or **KALPEE**, town, Hindoostan, in the province of Agra. In 1203 the Mahommedans overran this country; and in this district occurred the first engagement between the British and Mabrattas in 1765. The Calpee chief having joined the enemies of the British in 1804, his fort and territory at Calpee were immediately occupied by the latter, but were subsequently restored to him, with the exception of the fort of Calpee. In 1806 he exchanged the whole of his chieftainships with the British for an equivalent in Bundelcund.

CALSHOT CASTLE, Hampshire, built in 1540.

CALTHORPE STREET (Cold Bath Fields) riot, 1833.

CALVI, in Corsica, surrendered to the British forces, after a siege of fifty-nine days, August 10, 1794.

CALVIN, JOHN, the eminent reformer, and founder of the sect since called Calvinists, was born at Noyon, in Picardy, in 1509. The persecution against the protestants in France (with whom he was now associated) obliged him to retire to Basle, in Switzerland, where he published his famous "Institutes of the Christian Religion," in 1535. In 1537 he obliged all the people solemnly to swear to a body of doctrines which he had framed. He arrived at Geneva, September 13, 1541, and established a form of ecclesiastical discipline, and a consistorial jurisdiction. He died May 27, 1564, in the 55th year of his age. Although he had his failings, which were chiefly those of a dogmatical and irritable temper, the general and just opinion of him is, that he was "a man whose extensive genius, flowing eloquence, immense learning, extraordinary penetration, indefatigable industry, and fervent piety, placed him at the head of all the reformers." All his treatises were collected in 1560, in nine volumes folio.

CALVINISM originally subsisted in its greatest purity in the city of Geneva, and, from thence, it was first propagated into Germany, France, the United Provinces, and England. In France it was abolished by the revocation of the edict of Nantz in 1685. It has been the prevailing religion in the United Provinces ever since the year 1571.

CAMBODIA, a country of India beyond the Ganges, extending from Cape St. James in the China sea, to near the

same parallel in the Gulf of Siam. In 1590, the king of Cambodia sent a mission to the governor of the Phillippines, begging his assistance against the king of Siam. This country is now divided into three parts: one tributary to Siam, another to Cochin China, and a third independent. In 1819, the king of Cochin China interdicted to foreigners all direct commerce with his portion of Cambodia. Shortly after this, the Americans despatched some vessels to make their way up the Douay River, which falls into a bay close to Cape St. Jacques, and is a branch of the great river Cambodia. One of these, named the Franklin, was commanded by Captain White, who published a history of this voyage in the year 1823. Captain White describes the natives as being in a state of deplorable barbarism, but their country is little known.

CAMBRAY, town of France, in the early ages, successively the capital of the kingdom of the Nervii, of Belgic Gaul, and of the kingdom of the Franks. Since the sixteenth century it has been the see of an archbishop, and is celebrated as the residence of Fenelon, the author of Telemachus, who once filled that dignity. See **FENELON**.

Cambray is memorable in history as the scene of various important negotiations, and, as a frontier town of considerable strength, was subjected to numerous sieges. Near it are the remains of a Roman entrenchment, to which the French retired after their reverses in 1793. On April 23, 1794, they received a check at the same place by the allied army under the late duke of York. It was taken by the English, under general Sir Charles Colville, June 24, 1815. The citadel surrendered the next day, and was occupied by Louis XVIII. and his court from Ghent.

CAMBRICKS from France prohibited, 1745; totally, 1758; re-admitted, 1786.

CAMBRIDGE, esteemed the site of the Roman Granta, in the year 1010, was burnt and plundered by the Danes. Henry I., in 1101, made it a corporation on payment to the exchequer of 100 marks annually. In 1174, nearly the whole of the town was consumed by a fire "so merciless," says Fuller, "that it only stopt for want of fuel to feed its fury." Richard the Second, summoned a parliament here in 1383. In 1630, it was visited by a dreadful plague, which

occasioned the business of the University to be suspended. The town was first paved in the reign of Henry VIII., who, in his 36th year, about 1544, caused it to be enacted by Parliament, that all persons who had any houses, lands, &c., in Cambridge, bordering on the highways, should pave them to the middle of the said ways. In 1787, an act passed "for the better paving, cleansing, and lighting the town, and widening the streets, lanes, and other passages." Many improvements in each of these respects have since been effected. See the next Article.

CAMBRIDGE, UNIVERSITY OF, first rendered a seat of learning by Sigebert, king of East Anglia, who instituted a school for the instruction of youth in the year 631. Edward the Elder, erected halls for the teachers. In 1534, the university renounced the supremacy of the Pope, and, in 1535, resigned all its statutes, charters, and muniments to the king, who, soon after restored them and reinstated the university in its privileges. James I. granted the university the privilege of sending two members to parliament in 1604. In consequence of the part taken by the university in favour of Charles I. against the parliament, every member who refused the covenant was expelled, most of whom were reinstated at the Restoration.

The thirteen colleges of Cambridge are, 1. St. Peter's, founded in 1257. 2. Corpus Christi, established in 1344. 3. Gonville, or Caius college, founded in 1348. 4. King's college, founded by Henry IV. in 1441, the chapel of which is considered one of the most beautiful specimens of architecture in the kingdom. 5. Queen's college, founded in 1448. 6. Jesus college, founded in 1495. 7. Christ's college, founded in 1505. 8. St. John's, founded in 1509. 9. Magdalen, founded in 1519. 10. Trinity college, the richest and most extensive of the whole, founded in 1546. 11. Emanuel college, established in 1584. 12. Sussex college, founded in 1598. 13. Downing college, of recent erection, pursuant to the will of Sir George Downing, in 1749; the first stone was laid in 1807, and, in 1821, the students were first admitted; the expense of the buildings is estimated at £60,000.

Chancellors since the Revolution.—Charles Seymour, duke of Somerset, installed in 1688. Thomas Holles Pel-

ham, duke of Newcastle, 1748. Augustus Fitzroy, duke of Grafton, 1768. Duke of Gloucester, June 29, 1811. Marquis Camden, 1834. July 4, the usual ceremonies commenced on the installation of the Marquis Camden as chancellor. A great many distinguished individuals were present; among others, Prince Pozzo di Borgo, the Dukes of Cumberland, Wellington, and Grafton, the Archbishop of Canterbury, Lords Lyndhurst, Abinger, &c. &c.

CAMBRIDGE, UNIVERSITY OF, New England, projected in 1630.

CAMBRIDGE CASTLE, built 1068.

CAMBYSES, king of Persia, overran Egypt, A. C. 525.

CAMDEN, WILLIAM, the celebrated antiquarian and historian, born in London, 1551. Entered as servitor of Magdalen college, Oxford, in 1566. About two years after, he removed to Christ-Church. In 1571, came to London, where he prosecuted his favourite study of antiquity, and was made second master of Westminster-school in 1575. From the time of his leaving the university to this period, he took several journeys to different parts of England, to make observations and collect materials for his *Britannia*, the first edition of which he published in 1586. In 1593, he succeeded Dr. Grant in the head-mastership of Westminster-school. In this office he continued till 1597, when he was promoted to be Clarencieux knight-at-arms. In 1617, his work on the history of the reign of Queen Elizabeth was finished. He died at Chislehurst in 1623, in the 73rd year of his age.

CAMDEN, EARL, chancellor of England, died in 1794.

CAMELEON, revenue cutter, was run down, in the day-time, off Dover, by the *Castor* frigate, and only five persons were saved out of nineteen on board the cutter. The officers of the frigate were brought before a court-martial, and the lieutenant of the watch was sentenced to be dismissed his Majesty's service, August 27, 1834.

CAMERA OBSCURA. The first invention ascribed to Baptista Porta. See his *Magia Naturalis*, lib. xvii. cap 6., first published at Frankfort about the year 1589, or 1591. The first four books of his work were published at Antwerp, in 1560. But Dr. Freind, in his "History of Physic" (vol ii. p. 236), observes, that Friar Bacon, who flourished in the

beginning of the thirteenth century, describes the camera obscura, and all sorts of glasses which magnify or diminish any object, bring it nearer to the eye, or remove it farther off. Various improvements, particularly by the introduction of a double convex lens, were made in the year 1758; noticed by Mr. Hooper, in his "Rational Recreations," vol. ii. p. 29.

CAMERA LUCIDA, invented by Dr. Hook, in the eighteenth century, for making the image of any thing appear on a wall in a light room, either by day or night.

1839. A Report was received from the academy at Paris, January 7, on a new invention of M. Daguerre, by which the pictures of the camera lucida are rendered permanent. See **DAGUERRETYPE**.

CAMERON, MARY, a remarkable instance of longevity, died at Inverness, May 1783, aged 130.

CAMERONIANS, a sect in Scotland, who separated from the presbyterians in 1666, took their denomination from Richard Cameron, a famous field preacher, who refusing to accept the indulgence to tender consciences granted by king Charles II., made a defection from his brethren, and even headed a rebellion, in which he was killed. The Cameronians adhered rigidly to the form of government established in 1648.

CAMERONIANS, also the denomination of a party of Calvinists in France, who asserted that the cause of men's doing good or evil proceeds from the knowledge which God infuses into them. They had this name from John Cameron, one of the most famous divines amongst the protestants of France, born about the year 1580.

CAMILLUS, the Roman dictator and general, took Veii A.C. 396; forced the Volsci to surrender, A.C. 386; defeated the Gauls in Albania, A.C. 367; died, A.C. 365.

CAMOENS, LEWIS DE, a Portuguese poet, author of the "Lusiad," was descended of an ancient family of Galicia, in Spain, under the name Caamans, but changed to Camoens in 1370, when a branch of the family left Spain and attached itself to the king of Portugal. Camoens, the poet, sprang from a younger branch of this family, which had been unfortunate, his father having suffered shipwreck at Goa, with the loss of his whole property. He was born, some

say, in 1517; or, according to others, in 1526. Disgusted with an inactive life, he went to sea in 1553. During a residence of five years at Macao, he finished his "Lusiad," which he had begun some years before in Portugal. He arrived in Lisbon in 1569, after an absence of sixteen years, and published his "Lusiad" in 1572. This poem, which came to a second edition in the same year, was dedicated to king Sebastian, who, it is said, allowed him a small pension of 4,000 reals, on condition of his living at court. He died in poverty in 1579. Some years afterwards a respectable monument was erected over his remains, at the expense of a Portuguese nobleman. His memory was honoured by numerous eulogies from the poets of Spain and Portugal, and the name of Camoens is still pronounced with enthusiastic veneration by all the votaries of Portuguese literature.

CAMPBELL, DR. JOHN, an ingenious writer, born at Edinburgh in 1708. He was engaged as chief contributor to the "Biographia Britannica," the publication of which commenced in 1745. Also to the "Modern Universal History," to which he contributed the histories of the Portuguese, Dutch, Spanish, French, Swedish, Danish, and Ostend settlements in the East Indies; and the histories of the kingdoms of Spain, Portugal, Algarve, Navarre, and that of France, from Clovis, to the year 1656. He was appointed, in 1765, his majesty's agent for the province of Georgia, in North America, which employment he held till his decease, which happened December 28, 1775, aged 68.

CAMPBELL, GEORGE, an eminent metaphysician, divine, and biblical critic, born at Aberdeen, December 25, 1719. In 1759 he was presented by his majesty to the office of principal of Marischal college. In 1763 he published his celebrated "Dissertation on Miracles," in answer to Mr. Hume's essay on this subject, and thus deservedly gained the reputation of a most acute metaphysician, and a well-bred polemical writer. He died March 31, 1796. His character is thus summed up in a few sentences by his biographer, Mr. Keith. "His imagination was lively and fertile, his understanding equally acute and vigorous, and his erudition was at once very deep and wonderfully diversified. His piety was unfeigned,

his morals unimpeached, his temper cheerful, and his manners gentle and unassuming." His different publications, besides the Dissertation on Miracles, are as follows. In 1771, sermon on the Spirit of the Gospel. 1776, Philosophy of Rhetoric. 1776, a sermon on the National Fast. 1777, sermon on the success of the first publishers of the Gospel. 1779, an address to the people of Scotland on the alarms which had been raised by the bill in favour of the Roman Catholics. His last work was his "Translation of the Four Gospels, with preliminary Dissertations and explanatory Notes," in two quarto volumes.

CAMPERNILE of St. Mano at Venice, built 1134.

CAMPO FORMIO, treaty of, October 17, 1797, between France and Austria, the latter power yielding the Low Countries and the Ionian Islands to France, and Milan, Mantua, and Modena, to the Cisalpine republic.

CANAAN cursed by Noah, A.C. 2341.

CANADA, discovery of the coast of, according to the most authentic statements, was made by the Cabots; who, having visited Newfoundland in 1497, coasted the continent of North America as far north as latitude 67° 50'. John Verrazani, a Frenchman, took possession of it in the name of his sovereign, Francis I., about 1520, and called it la Nouvelle France. In 1540, Cartier succeeded in forming a settlement at St. Croix's harbour. After his death it was neglected, till Henry IV. of France ordered it to be divided into seigniories and fiefs, to be held under feudal tenure, and a compensation for military service when required. Such was the origin of the Canadian seigneurs. In 1576, Martin Frobisher discovered Elizabeth's Foreland, and the Straits which bear his name. In 1578 Frobisher again sailed for the American continent, with fifteen ships, in search of gold, to the ruin of many adventurers, who received nothing but mica, instead of gold ore. Quebec, the capital of the future New France, was founded January 3, 1608. The Indian tribes contiguous to the new settlement obtained the aid of the French; Champaign taught them the use of firearms, and hence began the ruinous wars which have ended in the nearly total extermination of the Indians of the North American continent.

1627. The commerce of Canada was

transferred to a powerful association, called the Company of a Hundred Partners, under the special management of the celebrated cardinal Richelieu. In 1628 a squadron of English vessels, under the command of David Kertk, a French refugee, visited Tadoussac. Met M. de Roquemont, one of the Hundred Partners, commanding a squadron of vessels freighted with emigrant families, and all kinds of provisions. Roquemont was provoked to a battle, and lost the whole of his fleet, provisions, &c. Kertk afterwards captured Quebec; but at the peace of 1632 that city, Acadia (Nova Scotia), and Isle Royal (Cape Breton), were all ceded to France. From this period to the final British conquest in 1760, a growing hostility took place between the French and English settlers in North America.

1663. The proceedings of the company became so obnoxious that the king of France decided upon erecting Canada into a royal government. The French West India Company was remodelled, and Canada subsequently added to their possessions, and in 1666, the royal arrêt of the council of state granted to the Canadians the trade in furs.

1674. The king of France resumed his rights to all territories ceded to the West India Company, and appointed a governor, council, and judges, for the direction of the Canadian colonies. The French settlement in Canada rapidly progressed, and as it rose in power, and assumed offensive operations on the New England frontier, the jealousy of the British colonies was roused, and both parties, aided alternately by the Indians, carried on a destructive and harrassing border warfare.

1690. The French sent a strong force who massacred the greater part of the Indians of Skenectaday. This had the effect of inducing the Iroquois and other nations to become more closely attached to the English. The French pushed on their outposts by means of the fur traders; but while preparing to take the field, the news of the treaty of peace between France and England arrived.

1702. The renewal of the war between great Britain and France, led to hostilities in America. Under several French governors, the warfare was continued till the year 1755, when the administration of the Marquis de Vau-

dreuil de Cavagnal was auspiciously opened by the defeat of the brave but rash general Braddock, in one of the defiles of the Alleghany mountains. The campaign was closed in October by the British retiring to Albany. The campaign of 1759, opened with a plan of combined operations by sea and land against Canada, and the capture of Quebec, decided the fate of the French dominions in Canada. See QUEBEC.

1775. The American forces invaded Canada by Lake Champlain, and from the sources of the Kennebec river. Montreal, Chambly, St. John's, Longueuil, and other important posts soon fell into their hands. The Canadians exerted themselves to preserve Canada for England, and with success, the Americans being obliged to evacuate the province. From this period (1776) to 1812, Canada remained free from a foreign enemy, and rapidly rose in population and prosperity.

1791. The territory was divided into the two governments of Upper and Lower. The boundary between the provinces commenced at Pointe au Baudet, on Lake St. Francis, about 55 miles above Montreal, running northerly to the Ottawa river, up that river to its source in Lake Temiscaming, and thence due N. to the Hudson's Bay boundary.

ORIGIN OF THE CANADIAN WAR. Since the year 1791, by the 31st Geo. III. cap 13, each province had a deputy-governor, a legislative council, and a house of assembly. An intelligent British traveller, speaking of the house of assembly, says: "The events of the last war gave ample opportunity for a display of popular feeling in the acts of this assembly. The Canadians have shown, both during the war with America, and since its termination, that they have appreciated the value, and imbibed the spirit of the constitution which Britain has bestowed upon them." The house of assembly consisted almost entirely of French Canadians. The legislative council was composed chiefly of British colonists. Jealousies between the two bodies existed almost from the first; and they have been repeatedly at open variance. Under the judicious administration of Sir John Sherbrooke, much was done to allay party feeling and remove irritation. Under the government of the late duke of Richmond differences between the two houses

first arose respecting the voting of the supplies. On his death Lord Dalhousie succeeded, who appeared to have had recourse to vigorous measures.

The house of assembly having (Nov. 20, 1827,) elected, as a speaker, the notorious agitator Papineau, his lordship refused to sanction the appointment, and, on the 22nd, prorogued the assembly. The excitement produced was extreme; and the late contest may be traced to this event.

1834. Tumults commenced in Lower Canada, Feb. 15, in consequence of the unpopularity of the legislative council, which the home government had declined to alter according to the wishes of many of the colonists. Seventy resolutions were this day proposed in the legislative assembly, strongly condemnatory of the conduct of the governor (Lord Aylmer,) and of the despatches of Mr. Stanley, the language of which was characterised as "insulting and inconsiderate." Articles of impeachment against Lord Aylmer were afterwards added to the above; and a vote to moderate their warmth was negatived by a majority of 52 to 19.

1835. Earl Gosford, having been appointed governor-in-chief of Canada, and head of the commission sent out by the British government to investigate, and endeavour to redress, the grievances complained of by the Canadians, opened the parliament of Lower Canada Feb. 27, by a speech addressed to the two houses, in which he assured the members of his anxiety and determination to effect, if possible, a satisfactory termination to their differences.

1837. Lord John Russell, March 6, brought forward a series of resolutions respecting Lower Canada, rendered necessary, he said, by the discontented and agitated state of the province, and the refusal of the colonial legislature to vote the supplies of money requisite for carrying on the government. One of the resolutions declared it to be inadvisable that the legislative council of Lower Canada should be an elective body.

Aug. 18. An extraordinary session of the parliament of Lower Canada was opened by the earl of Gosford, the governor-in-chief. In this speech, allusion was made to the resolutions respecting Canada, which had been passed by the British legislation. The assembly was soon after dissolved by lord

Gosford, on account of its refusing to accede to the measures proposed.

The law officers having applied to Sir John Colborne, commander of the forces in Lower Canada for a military force to assist the civil power in apprehending Papineau and some of his adherents, hostilities commenced at the close of the month of November by the capture of the villages of St. Denis and St. Charles, where the insurgents had taken up strong positions. Dec. 14, the Canadian insurgents came to an engagement with the royalists at Eustace, Lower Canada; were beaten from their entrenchments, and dispersed. The insurgents next day laid down their arms, their chiefs saving themselves by flight. During the same year, the revolt broke out also in Upper Canada. But the queen's troops were every where successful, and strong hopes were entertained that the insurrection would soon be completely put down.

1838. The insurgents of Upper Canada, under the command of Dr. Mackenzie, surrounded Toronto, Jan. 5, but were repulsed from the town by the governor, Sir Francis Head. Proclamation was issued by the president of the United States of America against the citizens who had taken, or might take, arms in favour of the insurgents of Canada; and message to the senate on the subject of a revision of laws, to prevent the attacks on neighbouring nations by the citizens of the United States.

Jan. 16. The Right Hon. John George Earl of Durham was appointed governor-general, &c., of her Majesty's provinces within and adjacent to the continent of North America, and also "High Commissioner for the adjustment of certain important affairs affecting the provinces of Upper and Lower Canada." His instructions were to ascertain the wishes of the people of both the provinces in regard to some legislative measure of a comprehensive nature for the permanent adjustment of the grievances. He was empowered to select three members from the legislative council of Upper Canada, the House of Assembly also to nominate ten of its members, to form a committee. And during the suspension of the legislature, in Lower Canada, to select three members of the body at present composing the legislative council, and to take measures for calling on the electors

in each of the five districts into which Lower Canada is now divided, to elect the persons to sit on the committee.

Feb. 10. The act 1 Victoria, c. 9, passed to make temporary provision for the government of Lower Canada, suspends the powers of the present legislature of Lower Canada; and empowers her majesty to appoint a special council for the affairs of Lower Canada; who are to take the same oath as is now required to be taken by the members of the legislative council and assembly. The governor and council may make laws or ordinances for the government of Lower Canada; but such laws must first be proposed by the governor, and none shall last beyond Nov. 1, 1842. This act was amended by 2 and 3 Vic. passed Aug. 17, 1839, which permits the council to impose taxes, but they must be for public works and objects of municipal government, and must not be appropriated by the government. It also repeals the provision prohibiting the alteration of acts of parliament; but no laws shall be made affecting the temporal or spiritual rights of ecclesiastics, or the law of tenure.

Oct. 9. Lord Durham issued a document on the occasion of proclaiming the indemnity act passed during the last session, in which he justified the policy pursued by him since his arrival in Canada, and announced his determination of resigning his government.

1839. The spirit of rebellion again manifested itself in Beauharnais, Lower Canada. Sir John Colborne, in his despatch of Nov. 11, says, "The habitans generally, of Beauharnais, La Prairie, and L'Acadie, were in arms on the night of the 23rd ult. and attacked all the loyal subjects residing in their neighbourhood, and either drove them from their homes or made them prisoners. At Beauharnais, Chateauquay, and Napierville, the rebels assembled in great numbers; about 4,000 of them were concentrated at Napierville, under the command of Dr. Robert Nelson, Dr. Cote, and Guggon, between the 3rd and 6th inst." The governor having despatched some troops to that quarter, the rebels dispersed; but collecting again, 900 of them attacked Odel town, but were repulsed with some loss by the volunteers stationed there. A detachment of troops was also sent to Beauharnais, and some companies to other disturbed parts,

where some skirmishing took place. The loss of the loyalists was not severe but several of the rebels were killed and wounded, and many hundred prisoners were taken by the queen's troops.

About the same time, some bands of persons disaffected to the government, aided by a number of American citizens, having assembled on the borders of Upper Canada, Sir George Arthur issued a proclamation, calling upon the inhabitants to assist him in the steps he had taken to repress their outrages, which was promptly responded to, and the rebels and invaders ultimately suppressed.

October. Despatches from Canada, announced the total suppression of the rebellion. The insurgents having mustered in considerable numbers at Windmill Point, near Prescott, in Upper Canada, were attacked by the troops under the command of Major Young, and (on the following day) by lieutenant-colonel Dundas, who, after an obstinate resistance, succeeded in dispersing the rebels, several of whom were killed, and many taken prisoners; the troops, however, also suffered considerably. After the attack of lieutenant-colonel Dundas, the remainder of the rebels surrendered. In these engagements they were aided by Americans of the United States, who invaded the Canadian territory in great numbers, and appear to have been the principal instigators of the outrages committed upon the peaceable inhabitants. When the news reached New York, a strongly worded proclamation, was however, issued by the president, condemnatory of such actions, and holding out to the invaders no hopes of assistance on the part of their government. In Lower Canada, no further tumults of importance occurred, and the rebellion was considered at an end in both the Canadas.

Oct. 18. The arrival at Quebec and installation of the new governor-general, Mr. Poulett Thompson, took place. He issued a proclamation calling on the inhabitants to assist in the preservation of peace and amity.

Dec. 20. The union of the two provinces, agreeably to resolutions of the British government, was carried in the legislative council by a majority of seven.

CANALS. Navigable canals were

known to the ancients. From the most early accounts we read of attempts to cut through large isthmuses, in order to make a communication by water, either betwixt different nations, or distant parts of the same nation. The inhabitants of Babylon or Chaldæa guarded against the detrimental inundations of the Tigris and Euphrates by a great number of artificial rivers and canals. A large and navigable canal cut from the Euphrates, about Babylon, to the Tigris at Apamea, 60 miles below Seleucia, was called Naarmalcha. From the Naarmalcha, the emperors Trajan and Severus, in their wars with the Parthians, dug a new canal to the Tigris, near Coche on the west, and Ctesiphon on the east side of the river. At the distance of 800 furlongs from Babylon, to the south, was another canal, called by Arrian, Pallacotta, derived from the branch of the Euphrates that passed through Babylon, and conveyed water to certain lakes or marches in Chaldæa. On this canal or river, as Arrian calls it, Alexander sailed from the Euphrates to these lakes.

CANALS OF EGYPT. Of all ancient countries, Egypt was the most distinguished by its numerous canals, which, according to Savary, amounted to 80, several of which are 20, 30, and 40 leagues in length. These served to receive and distribute the waters of the Nile, at the time of its inundation. Most of these are neglected, and, consequently, one-half of Egypt deprived of the means of its cultivation.

The *Alexandrian Canal* was the principal of these, by which a communication was made between the Nile and the Red Sea. This was begun, according to Herodotus by Necos, the son of Psammitichus. It was resumed and carried on by Darius, son of Hystaspes, who relinquished the work on the representation made to him by unskillful engineers, that the Red Sea being higher than the land of Egypt, would overwhelm and drown the whole country. Ptolemy II. finished the undertaking, and constructed, in the most convenient part of the canal, a dam, or sluice, ingeniously contrived, which opened to give passage, and immediately closed again. Hence the river which discharges itself into the sea, near the city of Arsinoe, has received the name of Ptolemy. By means of this canal, about

the commencement of the christian era, the valuable commodities of India, Persia, Arabia, and the kingdoms on the coast of Africa, which were brought by shipping to the Red Sea, were conveyed to the Nile; and thence distributed by the Mediterranean, not only to Greece and Rome, but to all the surrounding nations, until the Portuguese discovered a passage to India, by the Cape of Good Hope. This canal was disused, and goods were conveyed from Berenice to the Nile by land, till it was again opened about 635, by Amru, governor or prefect of Egypt under the caliph Omar, for the conveyance of the corn from Egypt to Arabia, which was then grievously distressed by a famine. The Alexandrian Canal was stopped again, at the end next the Red Sea, by the caliph Abu Jaafer, or Almansor, A. H. 150, A. D. 767. Some traces of this canal are still subsisting; and M. Boutier, in 1703, discovered that end of it, which rises out of the most easterly branch of the Nile. This communication after being shut up some centuries, was re-opened in 1819, by Mahommed Ali, who dug a canal from Alexandria to Foûah, on the Nile, about 27 miles above Rosetta. This important work is 48 miles in length, 90 feet in breadth, and from 15 to 18 feet deep. 100,000 labourers were set to work upon it in January, 1819, who were subsequently increased to more than double that number. It was completed by European engineers in 1821.

In CHINA, canals have existed from a very early period, but the dates of their construction are not known. The most celebrated amongst them is, the Imperial or Grand Canal, forming a communication between Pekin and Canton, said to be about 1,660 miles long. This includes the various rivers which really form the greater part of the navigation, the excavated portion being of comparatively limited dimensions. The canal is said not to have, at any time, more than from 5 to 6 feet water; and in dry seasons, its depth is frequently reduced to 3 feet.

The ITALIANS were the first people in modern Europe that attempted to plan and execute canals. They were principally undertaken for the purpose of irrigation; and the works of this sort executed in the Milanese and other parts of Lombardy, in the 11th, 12th, and 13th centuries, are still regarded as

models. In 1271, the Navilio Grande, or canal leading from Milan to Abbiate Grasso and the Tesino, was rendered navigable.

The construction of canals in the NETHERLANDS commenced as early as the twelfth century, when, owing to its central and convenient situation, Flanders began to be the entrepôt of the commerce between the north and south of Europe. Their number has since been astonishingly increased. The canal from Amsterdam to Niewdiep, near the Helder, is the greatest work of its kind in Holland, and probably in the world; it is designed to afford a safe and easy passage for large vessels from Amsterdam to the German Ocean. The distance between these extreme points is 41 English miles, but the length of the canal is about 50½. The breadth of the surface of the water is 124½ English feet. The breadth at bottom 36; the depth 20 feet 9 inches. This canal was begun in 1819, and finished in 1825. The cost was estimated at about £1,000,000 sterling. The volume of water which it contains is twice as great as that of the New York canal, or the canal of Languedoc, and two and a half times as great as that of the artificial part of the Caledonian canal.

The Holstein Canal, in DENMARK, joins the river Eyder with Kiel Bay on the north-east coast of Holstein, forming a navigable communication between the North Sea, a little to the north of Heligoland, and the Baltic; enabling vessels to pass from the one to the other by a short cut of about 100 miles, instead of the lengthened and difficult voyage round Jutland, and through the Cattegat and the Sound. It is navigable by vessels of 120 tons burden. The total cost of the canal was about 500,000*l*. It was opened in 1785. During the five years ending with 1831, no fewer than 2,786 vessels passed each year, at an average through the canal.

SWEDISH CANALS. An internal navigation connecting the Cattegat and the Baltic, was undertaken about the middle of the last century, by means of the river Gotha, and the lakes Wener, Wetter, &c., from Gottenburgh to Soderkœping on the Baltic. The Gotha is navigable, through by far the greater part of its course, for vessels of considerable burden; but the navigation at the point called Tröllhætta is interrupted by a series of cataracts about 112

meet in height. Polhem, a native engineer, undertook the Herculean task of constructing locks in the channel of the river, and rendering it navigable. Owing to the all but insuperable obstacles opposed to such a plan, the works were wholly swept away. From this period, down to 1793, the undertaking was abandoned; but in that year the plan was proposed, of cutting a lateral canal through the solid rock, about one mile and a half from the river. This new enterprise was begun under the auspices of a company incorporated for the purpose in 1794, and was successfully completed in 1800. The canal is about three miles in length, and has about six feet and a half of water. It has eight sluices and admits vessels of about 100 tons. In one part it is cut through the solid rock to the depth of 72 feet. The expence was only about 80,000*l*.

The navigation was afterwards extended to Soderkœping. The lake Wener was joined to the lake Wetter by the Gotha canal, and the prolongation of the navigation to the Baltic from the Wetter, partly by two canals of equal magnitude with the above, and partly by lakes, is now about completed. The entire undertaking is called the Gotha Navigation and deservedly ranks among the very first of the kind in Europe. The canal of Arboga unites the lake Hielmar to the lake Maelar; and since 1819, a canal has been constructed from the latter to the Baltic at Södertelge. The canal of Strœmsholm, so called from its passing near the castle of that name, has effected a navigable communication between the province of Dalecarlia and the lake Maelar, &c.

The first canal executed in FRANCE, was that of Briare, $34\frac{1}{2}$ English miles in length, intended to form a communication between the Seine and Loire. It was commenced in 1605, in the reign of Henry IV., and completed in 1642, under his successor, Louis XIII. The canal of Orleans, which joins the above, was commenced in 1675. But the most stupendous undertaking of this sort that has been executed in France, or indeed on the Continent, is the canal of Languedoc. It was projected under Francis I., begun and completed in the reign of Louis XIV. It reaches from Narbonne to Toulouse; and was intended to form a communication between the Atlantic Ocean, and the Mediteranean. It is

64 French leagues long, and six feet deep; and has, in all, 114 locks and sluices. In its highest part it is 600 feet above the level of the sea. In some places it is conveyed by bridges of great length and strength, over large rivers. It cost upwards of 1,300,000*l*. It was planned and executed by Riquet the engineer, who advanced a fourth part of the entire sum laid out upon the canal, and had the tolls made over to him. At the revolution, most part of the property of the canal was confiscated; but at the restoration of the Bourbons in 1814, such parts of the confiscated property as had not been sold were restored to the successors of M. Riquet, who have the principal management of the canal. Besides this, France possesses several magnificent canals, such as that of the Cantre, connecting the Loire with the Saone, 72 English miles in length, completed in 1791. St. Quentin, 28 English miles in length, completed in 1810. A canal joining the Rhone to the Rhine 200 English miles, is in progress. The canal of Burgundy will when completed, be about 150 English miles, in length: but at present it is only navigable to the distance of about 60 miles. It was opened July, 1834.

The PRUSSIAN STATES are traversed by the great navigable rivers the Elbe, the Oder and the Vistula; the first having its embouchure in the North Sea, and the others in the Baltic. An internal navigation, that should join those great water-ways, excited the attention of government at an early period; and this object has been successfully accomplished partly by the aid of the secondary rivers falling into the above, and partly by canals. In 1662, the canal of Muhlrose was undertaken, uniting the Oder and the Spree. Frederick the Great constructed, towards the middle of the last century, the Finnow canal, stretching from the Oder at Oderberg, to the Havel. The communication is continued by the latter and a chain of lakes to Plauen; from which point a canal has been opened, joining the Elbe near Magdeburg. The Oder is united to the Vistula, partly by the river Netze, and partly by a canal joining that river to the Brahe, which falls into the Vistula, near Bromberg.

RUSSIA. The improvement of inland navigation engaged the attention of Peter the Great. The canals projected

and hastily executed by him are, that of Cronstadt begun about 1719, that of Ladoga, begun in 1718, that of Vishnei-Voloshok, and that for forming a communication between Moscow and the Don. The grand project of uniting the Caspian and the Baltic with the Black Sea, by the junction of the Don and Volga, was planned by Peter the Great. Repeated attempts have been made to carry the latter into execution, but they have hitherto failed. In 1802, a beautiful chart was published, exhibiting a view of all the canals in Russia, that have been formed between the White and Black Sea, and between the Baltic and the Caspian. The inland navigation is already carried through such an extent in Russia, that it is possible to convey goods by water 4472 miles from the frontiers of China to Petersburg, with an interruption only of about 60 miles; and from Astracan through a tract of 1434 miles.

BRITISH CANALS. No attempt was made, in England, to construct canals, till a comparatively recent period. The efforts were limited to attempts to deepen the beds of rivers. In 1635, a Mr. Sandys, of Flatbury, Worcestershire, formed a project for rendering the Avon navigable from the Severn, near Tewkesbury, through the counties of Warwick, Worcester, and Gloucester; but

the project was abandoned. An act passed in 1755, for improving the navigation of Sankey Brook on the Mersey, gave rise to a lateral canal, which was the earliest effort of the sort in England. The origin of regular canal navigation in England may be traced to the exertions of Mr. James Brindley, an obscure mechanic, whose talents were called into exercise by the patronage of the duke of Bridgewater. About 1757, the duke conceived the idea of a canal for the purpose of conveying coals from his estates of Worsley in Lancashire, to Salford, near Manchester. Profiting by the advice of Brindley, who was a millwright and engine-maker, the duke perfected and carried into execution, the great and important schemes which he had projected, and for which he obtained the first act of parliament.

The principal canals of Great Britain are about one hundred in number, and occupy three thousand miles of navigation in extent; 30 million sterling being the valuation of the cost. In the various canals there are 48 subterraneous passages, 40 of which have an extent of 32 miles. None of these works, important as they are, were projected prior to 1755. The length, commencement, termination, and time when undertaken of the most important of the British canals, are as follow:—

Canals.	When begun.	Length in miles.	Commencement and Termination.
Aberdare	1793	7 $\frac{3}{4}$	From Glamorgan to Aberdare.
Aberdeenshire	1805	19	From Aberdeen Harbour to the river Don.
Ashby-de-la-Zouch	1805	40 $\frac{1}{4}$	From Coventry canal to Ticknal.
Andover	1790	22 $\frac{1}{2}$	From Southampton Water to Andover.
Ashton-under-Line, or Manchester & Oldham.	1797	18	From Rochdale canal to Huddersfield.
Barnsley	1799	18	From Calder River, below Wakefield, to Barnby Bridge.
Basingstoke	1790	37	From Wye to Basingstoke.
Birmingham	1772	22 $\frac{1}{2}$	From Birmingham and Sheffield canal to the Birmingham and Fazeley canal.
Birmingham and Fazeley	1790	16 $\frac{1}{2}$	From Coventry canal to Birmingham.
Brecknock & Abergavenny	1776	33	From Monmouthshire canal to Brecon canal.

Canals.	When begun.	Length in miles.	Commencement and Termination.
Bridgewater.. .. .	1758	40	From the tideway of the river Mersey, and forming two divisions at Longfordbridge, one of which terminates at Manchester, and the other at Pennington, near Leigh. This canal was the first (except the Sankey Canal, for which a statute was passed in 1755, though not begun until 1760,) undertaken in Great Britain; and its projector, the duke of Bridgewater, to enable him to carry on the stupendous undertaking, limited his personal expenses to £400 a-year. The engineer employed was Mr. John Brindley.
Bristol and Taunton ..		41	From Taunton-bridge to the mouth of the river Avon.
Caldon and Uttoxeter		28	A branch of the Grand Trunk canal.
Caledonian	1822	21 $\frac{3}{4}$	See CALEDONIAN CANAL.
Cardiff, or Glamorgan- shire	1775	25	From a sea-basin in the Severn, near Cardiff, to Merthyr.
Chester	1775	17 $\frac{1}{2}$	From Chester to Nantwich.
Chesterfield	1776	46	From Stockwith-on-the-Trent to Chesterfield.
Coventry		27	A part of the line of canal navigation between London and Liverpool
Cromford	1794	18	From Langley-on-the-Erewash canal to Cromford.
Croydon	1801	9 $\frac{1}{2}$	From the Grand Surrey canal to Croydon.
Derby	1794	9	From the river Trent to Derby.
Dorset and Somerset	1803	42	From the Kennet and Avon canal to the river Stour.
Dublin and Shannon	1776	65 $\frac{1}{2}$	From Dublin to Moy-on-the-Shannon. The various branches of this canal have a navigation of 38 miles, opened 1759.
Dudley and its branches	1776	13 $\frac{3}{4}$	From the Worcester and Birmingham canal.
Edinburgh and Glasgow		50	From Edinburgh; at Falkirk it unites with the Forth and Clyde canal.
Ellesmere and Chester and its branches ..	1804	109	
Erewash	1777	11 $\frac{3}{4}$	From the river Trent to Cromford canal.
Fazeley	1790	11	A part of the Liverpool line of canal navigation, uniting the Grand Trunk and Coventry canals.
Forth and Clyde, with the Glasgow branch ..	1790	37 $\frac{1}{2}$	From the tidewater at the junction of the river Carron with the Forth to Glasgow.
Foss Dyke		11	From Torksey, on the Trent, to the river Witham.
Glasgow and Saltcoats	1812	33 $\frac{1}{4}$	

Canals.	When begun.	Length in miles.	Commencement and Termination.
Glenkens	1802	27	From Kirkcudbright on the Dee to Dalry.
Gloucester and Hockcrib	1793	20½	From Berkeley Hill, on the Severn to Gloucester.
Grand Junction, with the Paddington and six other branches ..	1805	147	From London to Braunston, on the Oxford canal, and forming part of line of canal navigation between London and Liverpool.
Grand Surrey	1801	12	From Rotherhithe, on the Thames, to Mitcham.
Grand Western, with the Tiverton branch ..	1796	42	From Topsham, at the mouth of the Ex, to Taunton Bridge.
Grand Trunk and its branches	1777	130	A part of the line of the canal navigation between London and Liverpool.
Grand Union		23¼	From near Foxton, on the Leicester and Northampton Union canal, to the Grand Junction canal.
Grantham	1799	33¾	From the river Trent to Grantham.
Haslingden	1793	13	From the Manchester, Bolton, and Bury canal, at Bury, to the Leeds and Liverpool at Church.
Hereford and Gloucester	1790	36½	From Gloucester to Hereford on the Wye.
Huddersfield	1798	19½	From Huddersfield to the Manchester, Ashton, Oldham canal.
Kennet and Avon ..	1801	57	From the Avon to the Kennet and Newbury canal.
Kingston and Leominster	1797	45½	From the Severn to Kingston.
Lancaster	1799	76	From Kirby Kendall to Haughton.
Leeds and Liverpool ..	1771	130	From Liverpool to Leeds.
Leicester		21	From the Loughborough Basin to the Soar.
Leicester and Northampton Union	1805	43¾	From Leicester to Market-Harborough.
Loughborough	1776	9½	From the river Trent to Loughborough.
Monmouthshire	1796	17¾	
Montgomeryshire, with the Welchpool branch	1797	30¼	
Neath	1798	14	From the river Neath to the Aberdeen canal.
Norwich and Lowestoff Navigation	1829	50	
Nottingham	1802	15	From the river Trent to the Cromford canal.
Oxford	1790	91½	From the Coventry Canal to the river Isis, at Oxford, forming part of the line of canal navigation between Liverpool and London.
Peak Forest	1800	21	From the Manchester, Ashton, and Oldham canal, to Chapel Milton Basin.
Portsmouth and Arundel	1815	14½	From the river Avon to the bay connected with Portsmouth Harbour.

Canals.	When begun.	Length in miles.	Commencement and Termination.
Regent	1820	9	From Paddington to Limehouse.
Rochdale	1804	31	From the Bridgewater canal to the Calder and Hebble navigation.
Royal Irish		68	From Dublin to the river Shannon.
Sankey	1760	12½	From the Mersey and Irwell navigation to Sutton Heath Mines.
Shorncliffe and Rye, or Royal Military .. .	1809	18	From Hythe to the mouth of the Rother.
Shrewsbury.. .. .	1797	17½	From Shrewsbury to the Shropshire canal.
Somerset Coal, and its branch Radstock ..	1802	16	From the Kennet and Avon canal to Paulton.
Southampton & Salisbury	1804	17½	From the river Itchin to the river Avon.
Stafford and Worcester	1772	46½	From the river Severn to the Grand Trunk canal.
Swansea, with the Llan-samlet branch.. ..	1798	20½	From Swansea Harbour to Hen Noyadd.
Thames and Medway..	1800	8½	From Gravesend to the river Medway.
Thames and Severn ..	1789	30½	From the Stroudwater canal to the Thames and Isis canal.
Warwick and Birmingham	1799	25	From Warwick and Napton canal to Old Birmingham canal.
Warwick and Napton..	1799	15	From the Warwick and Birmingham canal to the Oxford canal.
Wey and Arun Junction		16	From the river Wey to the Arun river navigation.
Wilts and Berks, with the Calne branch	1801	55	From the Kennet and Avon canal to the Thames and Isis navigation.
Worcester and Birmingham	1797	29	From the river Severn to the Birmingham and Fazeley canal.
Wyrley and Essington with its four branches	1796	35¾	From the Fazeley canal to the Birmingham canal.

Various canals have been undertaken in *Ireland*, of which the Grand Canal and the Royal Canal, are the principal. The Grand Canal begun in 1756, commences at Dublin, and stretches in a westerly direction, to the Shannon, with which it unites near Banagher, a distance of 87 statute miles. The total length, with its various branches, is about 156 English miles. It cost above £2,000,000. In 1829, 191,774 tons of commodities were conveyed along the canal to and from Dublin, and about 67,000 passengers. The tonnage dues, amounted to £31,345, and the fares to £10,575. In 1831, the produce conveyed by the

canal had increased to 237,889 tons, and the tonnage dues to £36,736. The royal canal was undertaken in 1789. It stretches westward from Dublin to the Shannon, which it joins at Tormanbury. Its length is about 83 miles; its highest elevation 322 feet above the level of the sea. It has cost, exclusive of interest on stock, loans, &c., advanced by government, £1,421,954. The tolls produced in 1831, £12,729 6s. 1d.

The UNITED STATES are distinguished the most magnificent plans for improving by and extending internal navigation. Besides many others, the canal connecting the Hudson with Lake Erie, is 363 miles:

long, forty feet wide at the surface, 28 feet wide at the bottom, and four feet deep. The locks, eighty-one in number, exclusive of guard locks, are ninety feet long, and fourteen feet wide, the average lift of each being eight and a quarter feet. The rise and fall along the entire line is 661 feet. This great work was opened October 8, 1823, but was not finally completed till 1825. It cost nearly £1,800,000 sterling. Besides Erie Canal, the state of New York has completed Champlain canal, stretching from the Hudson, near Albany, to the lake of that name, and two smaller ones; the Champlain canal is 63 miles in length, the Oswego 38, and the Cayuga and Seneca, 20 miles in length. A great number of other canals have been completed in different parts of the Union, and many new ones are now in progress.

CANADA. The British government has expended a very large sum upon the Rideau River and Canal, stretching from Kingston, on Lake Ontario, to the Ottawa, or Grand River.

CANARY ISLES, a cluster of islands in the Atlantic, considered as belonging to Africa, the most easterly being about 150 miles from Cape Non. They are 13 in number, seven of which are considerable, namely Palma, Ferro, Gomera, Teneriffe, Grand Canary, Fuerteventura, and Lancerota. They were supposed to be known to the ancients. Juba II., king of Mauritania, described them first with some degree of accuracy. Pliny followed his description of the islands, but nothing more was known till between 1316 and 1334, when the Spaniards, pressed by the Moors, discovered and conquered these islands; and they are laid down with accuracy in the old map which Andreas Branco published in Venice, 1436. They were afterwards abandoned to the Portuguese. In 1478, the Spaniards undertook again the conquest of the Canaries. At the end of the fifteenth century they had subdued the original inhabitants entirely, and they extirpated them at a later period. The island Lancerota has three volcanos which, in 1823, experienced violent eruptions.

CANDAHAR, a frontier city in India beyond the Ganges, which, when the Mogul and Persian empires flourished, was the scene of many sanguinary struggles. In 1638, it was betrayed into the

hands of the emperor Jehangir, by Ali Merdan Khan, the Persian governor. The Afghan chiefs took possession of it on the decline of the two great rival empires, and held it until 1737, when it was taken by Nadir Shah, after a siege of 18 months. After the assassination of Nadir, it fell into the power of Ahmed Shad Abdalla, who rebuilt it; it then became the capital of the Durany empire, till his death, when the city and province became subject to the Afghan chief of Cabool. It was from hence the British army was concentrated in the late Indian war, 1839. See **CABOOL.**

CANDAULES, king of Lydia, flourished A. C. 735, assassinated A. C. 718.

CANDIA, the ancient Crete, island in the Mediterranean. The earliest part of the history of this island is involved in fable; yet it appears certain that the Cretans had made considerable progress in civilization at an early period. Before the time of the Trojan war, little is known of this people. Crete received its name from Crés, its first monarch. He was author of several useful inventions. Among his successors Rhadamanthus and Minos are the most celebrated; the former as their first lawgiver, who laid the foundation of their civil government; and the latter for having raised a most admirable superstructure many ages after. After the Trojan war, the monarchical government in Crete was exchanged for a republic, about A. C. 1184. This island was anciently celebrated for having 100 cities; but of these 40 only are mentioned by Ptolemy A. C. 493. St. Paul introduced the christian faith here, A. D. 62.

This island was purchased by the Venetians in 1104, and by them called Candia, as was also the chief city of the island; the Candian war waged between the Venetians and Turks commencing about 1644, was one of the most sanguinary recorded in history. On September 27, 1669, the protracted conflict ended, and Candia was resigned to infidel misrule. In this war of twenty-five years, 30,985 christians, and 118,754 Turks had been killed or wounded, 56 assaults had been made upon the city of Candia, by the Turks, 96 sallies by the christians; 472 mines were sprung by the former, 1173 by the latter; 509,692 cannons were discharged by the fortress, and 180,000 cwt. of lead con-

sumed in musket balls by the christians. In 1715, the Venetians being finally expelled, Candia became a Turkish mous-selimlik. Under the Ottoman government, the commerce of this beautiful and productive island dwindled totally away. In 1821, the Candiotes favoured the Greek insurrection. In 1823, the island was occupied by the Greek fleet, and beat off the Turks, but lost 2000 people in the conflict.

CANDIAC, JOHN JENNES, an extraordinary child of precocious intellect, who knew his letters at thirteen months old, and at seven years of age, was master of Latin, Greek, and Hebrew; died 1725, aged seven years.

CANDLE. Some kind of light similar to candles, was of very ancient construction. The candles in use among the Romans, were at first little strings dipt in pitch, or surrounded with wax; though afterwards they made them of the papyrus, covered likewise with wax; and sometimes also of rushes, by stripping off the

outer rind, and only retaining the pith. Candles were first used in christian churches, in 274. Tallow candles came into government use in 1290. From the very great utility of candles, they early became the object of adulteration; hence it is provided by various acts of parliament, that all adulterated candles shall be forfeited, and several other important statutes have passed for the regulation of the manufacture of candles.

By the act 1 and 2 William IV., c. 19, 1831, all duties on candles were repealed, and the makers are put on the same footing as melters of tallow. Until the above act, candles were, for a lengthened period, subject to an excise duty; and their consumption was, in consequence, pretty exactly ascertained.—The following is an account of the number of lbs. weight of tallow, wax, and spermaceti candles, and the total annual nett revenue derived from candles, in Great Britain, from 1820 to 1829; since which time it has not been ascertained.

Years.	Tallow.	Wax.	Spermaceti.	Net Revenue.		
	lbs.	lbs.	lbs.	£	s.	d.
1820	88,352,461	692,705	193,463	373,455	14	5
1821	93,816,346	697,196	165,647	395,911	8	7
1822	98,311,801	682,241	179,208	415,609	15	3
1823	102,461,879	694,194	180,401	433,537	15	8
1824	109,810,900	759,751	179,454	466,042	16	1
1825	114,187,550	851,370	208,377	485,014	8	9
1826	110,102,643	705,615	201,790	467,069	12	1
1827	114,939,578	713,655	226,277	487,318	3	4
1828	117,342,157	748,293	270,263	497,770	2	9
1829	115,156,808	746,052	303,683	489,059	1	9

CANDLEMAS. A feast of the church held on the second of February, in memory of the purification of the Virgin Mary. It takes its name from the practice of the Romish church, who, on that day, consecrate all the tapers and candles which they use in their churches during the whole of the year. This ceremony was prohibited in England, by an order of council in 1548.

CANDY, kingdom formerly occupying the central and mountainous part of the island of Ceylon. The king of Candy, dying in 1798, a war broke out in 1803, which was carried on with various success for upwards of two years, during which a whole British detachment was massacred or imprisoned. In 1815,

the Candians appealed to the British for protection. The king fled from his capital and throne, and was defeated and made prisoner, by general Brownrigg, Feb. 18, deposed and the sovereignty vested in Great Britain, March 2. See CEYLON.

CANEA, the second town in the island of Candia, resisted the Turks for fifty days in the year 1645, and capitulated at last upon honourable and advantageous terms. It was occupied by the Greeks in the late war, 1823. See CANDIA. It suffered dreadfully from a storm in 1833.

CANICULAR DAYS, or Dog-days, a certain number of days before and after the heliacal rising of Canicula, or the dog-star, in the morning. According to

our almanacs, they extend from July 3, to August 11.

CANICULAR YEAR, the Egyptian and Ethiopian natural year, which extended from one heliacal rising of Canicula to the next. It consisted ordinarily of 365 days, and every fourth year of 366; so that, like the Julian, it was accommodated to the civil year.

CANNÆ, a small town of Apulia on the Adriatic, situated at the mouth of the river Anfidus, now in ruins. It is remarkable for the battle fought in its vicinity between Hannibal and the Romans in the second Punic war. This great engagement, which nearly annihilated the power of Rome, and which, in that case, would have totally altered the destinies of the world, was fought A.U.C. 536, A.C. 216. The carnage was dreadful, the number of Romans killed and taken at the battle was estimated at 45,000.

CANNING, THE RIGHT HONOURABLE GEORGE, born in London April 11, 1770. The future prime minister was placed at Eton, where, while yet a boy, he exhibited considerable indications of genius, and contributed several papers to "The Microcosm," the first number of which was published in 1786. He entered at Christ Church, Oxford, October 1787, where the fame of his early talents had prepared for him a welcome.

1793. Mr. Canning came into parliament as member for Newport, in the Isle of Wight, which was vacated by Sir R. Worsley for that purpose. The first occasion on which he was induced to rise was on the debate respecting the treaty with the king of Sardinia, which took place January 31, 1794, the point in dispute being whether parliament should agree to assign to the king of Sardinia a sum of £200,000 a year, on condition of his keeping on foot, for the defence of his own territories, a force of 50,000 men. In 1796, Mr. Canning was appointed one of the under secretaries of state for the foreign department, under Lord Grenville, and continued in office until the retirement of Mr. Pitt in 1801. On the anniversary of Mr. Pitt's birthday, May 29, 1802, Mr. Canning produced the song, "The Pilot that weathered the Storm." He was appointed treasurer of the navy, which situation he held until the death of Mr. Pitt in 1806, after which he went into opposition.

About this time he fought a duel, upon a dispute arising out of the conduct of the Walcheren expedition, with Lord Castlereagh; at six o'clock in the morning of September 21, 1809, the parties met near the Telegraph on Putney Heath.

Mr. Canning stood four times for the representation of Liverpool, and was each time elected, but never without strong opposition. The third election, of 1818, was distinguished by an extraordinary quantity of electioneering manœuvres. The last election of 1820, was less warmly contested, his chief opponent being a gentleman of the name of Crompton, who succeeded only in obtaining 345 votes. In 1818, he came into office as president of the board of control; but left England, and abandoned his place, in preference to taking part in the proceedings against queen Caroline. Subsequently, in 1822, he was named governor of India, and was on the point of again quitting the country, having actually taken leave of his constituents at Liverpool, for the purpose of proceeding to Bengal. At that very moment, however, the death of the marquis of Londonderry suddenly opened the situation of secretary of foreign affairs to him. This appointment took place in the early part of 1827. After a life of toil he died August 8, 1827, in the fifty-eighth year of his age, and was interred in Westminster Abbey, on the 16th. His funeral was private, though awaited in the abbey by a numerous body of friends.

"In private life Mr. Canning was unostentatious, and accessible to the humblest individual. No man was ever farther removed from presumption or vanity. He loved simplicity, and was gentle and affable to those about him. He was exquisitely sensitive; but on no occasion was the smallest unkindness ever wantonly inflicted by him upon others. As a domestic man his conduct was exemplary in all its relations. In most things he seemed to partake of the character of his eloquence; open and manly, conscious of power, and consequently, simple and unassuming. The eloquence of Mr. Canning was of a high order, singularly elaborate and correct for one of his poetical temperament. It was a stream of pure and unadulterated English, flowing copiously with classic elegance, seldom assisted by flights of

passionate declamation, and never degraded by meanness of phraseology or metaphor; the happiness of his expression, and easy flow of his language irresistibly fixed the stranger's attention. And though the tongue of the scholar, the orator, and the statesman, is dumb for ever, England will inscribe his name among the list of lofty intellects that adorn the pages of her history."

1833. In the square adjoining St. Margaret's church, and facing New Palace Yard, a colossal statue was erected by subscription to the memory of this statesman. It is placed on a granite pedestal bearing the inscription—

GEORGE CANNING.

This statue was designed and executed by Mr. Westmacott.

CANNING, CAPTAIN HON., (son of the late prime minister,) in command of his majesty's ship *Alligator*, off Madeira, drowned while bathing in a reservoir, September 25, 1828.

CANNON. The first were made of bars of iron, hooped together with strong iron rings; and were employed in throwing stones and metal of several hundred weight. The ancient inhabitants of Europe and Asia had their *cannœ*, or fiery tubes, which being charged with pitch, stones, and iron balls, were exploded with a vehement noise and smoke, and produced great effect. According to Isaac Vossius, a kind of cannon were used in China by the emperor Kitey, as early as 85. Some sort of artillery was used by the Moors in Spain in 1312, but it is the general opinion that what is properly termed cannon, were not used till 1336 or 1338. Cannons were certainly used by the English at the battle of Cressy, in 1346, at the siege of Calais in 1347, by the Venetians at Chioggia in 1366, and in their wars with the Genoese in 1379 and 1380. The Turks employed them at the sieges of Constantinople, in 1394 and 1453. When first introduced they were for the most part very heavy and unwieldy, and threw balls of an enormous size. They were, however, owing to their frequent bursting, about as dangerous to those using them as to their opponents. Larrey asserts that brass cannon were not known in England before 1535, that none of iron were cast here before 1547, and that the invention of brass cannon is due to J. Owen.

Formerly, strange and uncommon

names were given to cannon; Louis XII in 1503, had twelve brass cannon cast of an extraordinary size, called after the twelve peers of France. The Spaniards and Portuguese named theirs after their saints. The emperor Charles V., when he went against Tunis, had twelve cannon founded, which he called the twelve apostles. At Milan there is a seventy pounder called the Pimontelli; and there is one at Bois-le-duc called the Devil. At Dover castle there is a sixty pounder called Queen Elizabeth's pocket-pistol. There is an eighty pounder in the tower of London, brought thither from Edinburgh castle, called *Mounts-meg*. About the beginning of the 15th century, these uncommon names were mostly laid aside, and the following among other more general ones adopted.

	<i>Pounders.</i>	<i>Cwt.</i>
Cannon royal or carthoun . . .	48	about 90
Bastard cannon or $\frac{3}{4}$ carthoun	36	.... 70
Half carthoun	24	.... 60
Whole culverins	18	.... 50
Demi-culverins	9	.... 30
Falcon	6	.... 25
Saker } <ul style="list-style-type: none"> Largest size Ordinary Lowest sort 	8	.... 15
	6	.... 15
	5	.... 13
Basilisk	48	.... 85
Aspic	2	.... 7
Dragon	6	.... 12
Syren	60	.... 81
Falconer	3, 2 & 1	.. 15, 10 & 5
Rabinet	1	
Moyene	10 or 12	ounces,

At present, cannon take their names from the weights of the balls, which they respectively discharge: ship-guns, consisting of 42, 36, 24, 18, 12, 9, 6, and 3 pounders; garrison-guns, consisting of 42, 32, 24, 18, 9, and 6 pounders; battering-guns, consisting of 24, 18, and 12 pounders, and sometimes, though but seldom, of 42 pounders; field-pieces, consisting of 12, 9, 6, 3, 2, $1\frac{1}{2}$, 1, and $\frac{1}{2}$ pounders. The dimensions of ship-guns were settled by the Board of Ordnance in 1753. The dimensions, &c., of all other sorts of brass and iron cannon were established by the Board of Ordnance in 1764, as also those of brass howitzers, which may be regarded as a sort of short cannon. Those of mortars, also a kind of short cannon of large bores, with chambers, and made either of brass or iron, were also established by the Board of Ordnance in 1764.

About 1838, was introduced an im-

Provement in cannon-locks. The percussion principle has been adapted to the locks of great guns by Commander Henderson, R. N., by a method at once simple and effective. The apparatus consists of two square pieces of iron, a common fowling-piece nipple, and an iron cap to cover the nipple. The two pieces of iron are made just large enough to cover the groove about the touch-hole, and are connected with each other in the form of a hinge. One of these is fastened to the gun, by means of a screw, to the left of the touch-hole, and has an iron cap fastened to it in the same manner. The other piece of iron has the nipple screwed on its centre, and, of course, communicates with the touch-hole of the gun when folded down. The gun being loaded, the cartridge pricked, and tube introduced, a common copper cap (such as is used for fowling-pieces) is put upon it; the iron cap is then brought over the copper one, when a tap with a wooden mallet never fails to ignite it, and discharge the gun. When fired, the plate of iron, with the nipple, is thrown back upon the other, thereby exposing the touch-hole, and giving room for the vent to be closed by the thumb in the usual manner. It is not the least of its advantages that the ship's armourer can fit the gun of a first-rate in this manner in a few days, and it does not interfere with the present equipment, as percussion, or other locks, may be used at the option of the commanding officer.

1840. At the Royal Arsenal at Woolwich, the machines are among the largest in the kingdom. Friday, June 5, an extraordinary casting of brass cannon took place at the latter foundry. The quantity of metal was 16 tons, and the cannon cast consisted of 10 24 pounders and two 12 pounders. At 11 o'clock the vent of the furnace was opened and the melted metal poured into the the moulds. The casting turned out excellent, and the guns were nearly all perfect, which is not generally the case. The crowd of visitors was immense both on the day of casting, and on the following Monday and Tuesday, when the guns were removed from the moulds.

CANNON-BALL, found in the ruins of Berwick-castle, weighed 96lbs., and measured 30 inches in circumference, April, 1811.

CANON, one who possesses a prebend or revenue, in a cathedral or collegiate church. The common opinion attributes the institution of this order to Chrodegangus, bishop of Metz, about the middle of the eighth century. Originally canons were inferior ecclesiastics who lived in community; residing by the cathedral church to assist the bishop depending entirely on his will. They inherited his moveables till 817, when his was prohibited by the council of Aix-la-Chapelle, and a new rule substituted in the place of that which had been appointed by Chrodegangus, and which was observed, for the most part in the west, till the twelfth century. In the tenth century there were communities, or congregations of the same kind, established even in cities where there were no bishops: these were called collegiate.

CANON, a law or rule, either of doctrine or discipline. Canons are decisions of matters of religion; or regulations of the polity and discipline of a church, made by councils either general, national, or provincial. See COUNCIL.

There have been various collections of the canons of the eastern councils; but four principal ones, each ampler than the preceding. The first, according to Usher, 380, containing only those of the first œcumenical council, and the first provincial ones: they were but 164 in number. 2d. Those of Dionysius Exiguus, in 520, who, added the fifty canons of the apostles, and those of the other general councils. 3d. To these are subjoined those of the council of Sardica, and the African councils. The 4th and last collection comes down as low as the second council of Nice, 787.

CANON, the authorized catalogue of the sacred writings. See BIBLE.

CANON of Ptolemy, in Chronology, a canon of the Chaldæan, Persian, Grecian, and Roman kings, compiled by Claudius Ptolemæus, the astronomer, author of the system of the universe, who flourished in Egypt in the reigns of Adrian and Marcus Antoninus, about 150; published from two MSS. in the Royal Library at Paris. The author computes from the epoch of the Nabonassarean æra, A. C. 747; and from that day of the month on which the Egyptian Thoth fell. The years made use of are Egyptian, and consist of 365 days, without intercala-

on. In every reign the years are which are less than a year, are omitted,
reckoned as complete; and those reigns as in the following table.

Name.	Nab. Years.	Year of Reign.	A. C.
KINGS OF CHALDEA.			
Nabonassar.....	1	14	747
Nadius.....	15	2	733
Chinzirus and Porus.....	17	5	731
Jugaeus.....	22	5	726
Mardokempadus.....	27	12	721
Archians.....	39	5	709
First inter-reign.....	44	2	704
Belibus.....	46	3	702
Apronadius.....	49	6	699
Regibelus.....	55	1	693
Mesessimordacus.....	56	4	692
Second inter-reign.....	60	8	688
Asaradinus.....	68	13	680
Saosduchinus.....	81	20	667
Chyniladanus.....	101	22	647
Nabopolasar.....	123	21	625
Nabocolasar, or Nebuchadnezzar..	144	43	604
Ilvarodamus, or Evil-Merodach....	187	2	561
Niricassolazar.....	189	4	559
Nabonadius.....	193	17	555
PERSIAN KINGS.			
Cyrus.....	210	9	538
Cambyses.....	219	8	529
Darius Hystaspes.....	227	36	521
Xerxes.....	263	21	485
Artaxerxes.....	284	41	464
Darius II.....	325	19	423
Artaxerxes II.....	344	46	404
Ochus.....	390	21	358
Arses.....	411	2	337
Darius III.....	413	4	335
Alexander of Macedon.....	417	8	331
KINGS WHO REIGNED AFTER ALEXANDER.			
Philip Aridæus.....	425	7	324
Alexander Ægus.....	432	12	317
Ptolemy Lagus.....	444	20	305
Ptolemy Philadelphus.....	464	38	285
Ptolemy Euergetes I.....	502	25	247
Ptolemy Philopator.....	527	17	222
Ptolemy Epiphanes.....	544	24	205
Ptolemy Philometer.....	568	35	181
Ptolemy Euergetes II.....	603	29	146
Ptolemy Soter.....	632	36	117
Dionysius.....	668	29	81
Cleopatra.....	697	22	52

Name.	Nab. Year.	Year of Reign.	A. C.
ROMAN EMPERORS.			
Augustus.....	719	43	30
			A. D.
Tiberius	762	22	14
Caius.....	784	4	36
Claudius	788	14	40
Nero.	802	14	54
Vespasian.....	816	10	68
Titus.	826	3	78
Domitian.....	829	15	81
Nerva	844	1	96
Trajan	845	19	97
Adrian.	864	21	116
Antoninus Pius.....	885	23	137

CANON LAW introduced into England, 1140, arranged and methodised by Gratian, an Italian monk, 1151.

CANONICAL hours for prayers instituted, 391.

CANONIZATION first introduced by papal authority, 993.

CANOSA, a town of Naples, the ancient Canusium founded by Diomed, and afterwards a Roman colony. It became one of the most considerable cities in this part of Italy. The era of Trajan seems to have been that of its greatest splendour. Genseric, Totila, and Autharis treated it with extreme cruelty. It was reduced to a deplorable state in 590. In 1090, it was assigned, by agreement, to Bohemund, Prince of Antioch, who died here in 1111. Its ancient grandeur is still attested by many fragments of aqueducts, amphitheatres, baths, military columns, &c. The church built in the sixth century, contains the mausoleum of Bohemund, which in 1461 the prince of Taranto broke open, and disturbed the ashes of that hero. Modern Canosa was ruined by an earthquake, in 1694.

CANOVA, an ancient Venetian sculptor, born 1757, at Possagno, died at Venice, October 13, 1822, after a short but severe illness. His merits as an artist are well known to Europe. He left behind him a fortune of 7,000,000 francs, a sum not far short of £300,000 sterling.

CANTERBURY, CANTWARABYRIG of the Saxons, the principal place in the

kingdom of Kent, and during the reign of Ethelbert, was constituted the metropolitan see of all England. When St. Augustin, and his forty monks, landed in the isle of Thanet in 597, part of the ancient Durovernum which is now called "Stable-gate," was assigned as their residence. St. Augustin's monastery, the first christian establishment in Great Britain, was built here in 978. Canterbury was successively occupied by the Romans, Saxons, Normans, &c., and became the scene of repeated sieges and battles. The Danes besieged it in 1011, and on the twelfth day of the siege, set it on fire, and completely consumed the cathedral. Egelnothus, or Agelnoth, the archbishop, who governed the see from 1020 to 1038, refounded, and made considerable progress in rebuilding this structure, which was again burnt in 1067. On Dec. 29, 1170, archbishop Becket was barbarously murdered at the foot of the altar. See **BECKET**. In 1573, Queen Elizabeth kept her court here, in her progress through Kent. An act of parliament for paving, lighting, and watching the city, was obtained in 1787.

1838. At Boughton, near Canterbury, a riot took place, attended by loss of life. A lunatic named Thom, who assumed the name of Sir W. Courtenay, attached himself to the lowest rabble, and incited them against the Poor Law Act, and shot a man. On this outrage, the military were called out, and Lieut. Bennett proceeded to take the murderer

into custody, but Thom advanced, and, firing a pistol, killed the lieutenant on the spot. His death was avenged by one of the soldiers, who fired at Thom, and laid him dead by the side of Lieutenant Bennett.

CANTERBURY, ARCHBISHOP of, attacked by the mob at Canterbury, August, 1832.

CANTERBURY CASTLE built 1075.

CANTERBURY PALACE robbed, October 11, 1778.

CANTON, CHINA, the only place in that empire frequented by Europeans. The intercourse began in 1517, when Emanuel, king of Portugal, sent a fleet of eight ships to China, with an ambassador, who was conveyed to Peking, and obtained permission to establish a trade at Canton. About 1634, some ships from England visited Canton, but a rupture and battle immediately took place. In 1680, we find the first notice of a ship sent direct by the East India Company, to Canton. In 1700 there were three ports open for the reception of English vessels, but Canton has latterly been the only one. The monopoly of all foreign trade is consigned to a limited number of merchants, seldom exceeding eight, but occasionally more. In 1793, they were twelve; in 1808, fourteen. In 1832, the principal mercantile firms consisted of eight British establishments, seven American establishments, and one joint French and Dutch establishment.

1831. A dispute between the British residents at Canton, and the Chinese authorities occurred, the former complained of injuries and insults received from the latter, and announced that unless remedied, all commercial intercourse would be suspended on August 1.

The act 3 and 4, Will. IV., c. 93, for regulating the trade to China and India, passed in 1834, contains new regulations as to the British trade with Canton; also the repeal of prohibitions upon the importation of tea and goods from China, imposed by 6, Geo. IV., c. 107.

Oct. 1833, 10,000 houses swept away, and 1000 persons perished, in consequence of an inundation, occasioned by incessant rains. In 1835, Oct. 22, a great fire in Canton. It was stated to have consumed upwards of 3,000 houses.

1839. Disputes arising about the opium trade, an edict was issued by the Chinese government, containing new port regulations against opium.

1840. In consequence of the Chinese war, an order from the emperor reached Canton, Feb. 12, suspending trade with all foreign nations. See CHINA.

CANTON, JOHN, natural philosopher, born at Stroud, in Gloucestershire. July 31, 1718. In 1742, he succeeded Mr. Watkins in his school. In 1745, he made the science of electricity, the object of his particular investigation. In 1749, he assisted his friend, Benjamin Robins, Esq., in his experiments for ascertaining the height to which rockets ascend, and the distance at which their light may be seen. In January, 1750, Mr. Canton communicated to the Royal Society, his method of making artificial magnets, without the use of, and yet far superior to any natural ones.

1752. He had the honour of being the first person in England, who, by drawing the electric fire from the clouds, during a thunder storm, verified Dr. Franklin's hypothesis of the similarity of lightning and electricity. In 1753, his paper entitled, "Electrical Experiments, with an Attempt to account for their several Phenomena," was read at the Royal Society. In 1759, he inserted a letter in the Gentleman's Magazine, for September, on the electrical properties of Tourmaline. Mr. Canton's observations on the transit of Venus were communicated to the Royal Society, in November 1761; and in 1762, a letter addressed by him to Dr. Franklin was read, containing remarks on Mr. Delaval's electrical experiments: in December of the same year, his curious paper entitled "Experiments to prove that Water is not incompressible," was read. Mr. Canton had the gold medal delivered to him, November 30, 1765. In 1768, he communicated to the Society, "an easy Method of making a phosphorus, that will imbibe and emit Light, like the Bolognian stone, with Experiments and Observations." His last paper addressed to the Royal Society, was read in December, 1769, and contained "Experiments to prove that the Luminousness of the Sea arises from the Putrefaction of its Animal Substances." His death took place in March, 1772, at the age of 54.

CANUTE, recognised king of all England, 1017. He married Emma, the widow of Ethelred. In 1019, he went over to Denmark, subdued Norway, and was made king of England, Den-

mark, and Norway. In 1025, he made a second voyage to Denmark, on account of the invasion of the Swedes, but was compelled to return to England. In 1028, he entered on another war with Sweden, and set sail for Denmark, when he seized on the crown of Sweden, of which he remained in quiet possession, and took the title of king of England, Denmark, Norway, and Sweden. In 1033, he went on an expedition against the Scots, for refusing to do homage, which was compromised. Acquired the surname of Great, on account of his conquests. In 1034, he showed a contempt of flattery from his nobility, on the sea not obeying his commands, and never after would wear his crown, but ordered it to be put on the head of a crucifix, at Winchester. He died November 12, 1036, at Shaftsbury, and was buried at Winchester, having reigned 19 years.

CANVAS BATTEAU, capable of conveying 100 soldiers across the widest river, invented by Colonel Brown, 1809.

CAOUTCHOUC, or India-rubber, introduced into Europe in 1735. Nothing was known concerning its natural history, till a memoir was presented, in 1736, to the French academy, by M. Condamine. It is obtained from the milky juice of different plants, in hot countries. The chief of these are the *Jatropha elastica*, and *Urceola elastica*. The juice is applied in successive coatings on a mould of clay, and dried by the fire or in the sun; and when of a sufficient thickness, the mould is crushed, and the pieces shaken out. M. de la Condamine mentions, that, owing to its being impervious to water, it was made into boats by the Indians.

Means have, within these few years, been discovered of reducing it to a state of solution; and when thin filaments of it are spread over cloth, or any other substance, it is rendered impervious alike to air and water. Air cushions and pillows are manufactured in this way, as are water-proof cloaks, hats, boots, shoes, &c. Previous to 1830, the importations of caoutchouc were comparatively inconsiderable. In that year, they amounted to about 52,000lbs; while, during the year ending April 5, 1833, the quantity entered for consumption, amounted to 178,676lbs. The duty has been reduced from 5d. per lb. to 1s. per cwt.

CAPE BOJADOR, or **NUN**, doubled for the first time by the Portuguese, 1434.

CAPE BLANCO, on the coast of Africa, discovered 1441.

CAPE BRETON, island, British North America, country of Nova Scotia, first settled by the French in 1712; surrendered to a British force in 1745, and was confirmed with all the other French possessions in North America, to England, by the treaty of 1763. In 1820, it was annexed as a county to Nova Scotia, with the privilege of sending two members to the House of Assembly, at Halifax. The trade of the island is yearly augmenting in value and importance. The imports, in 1832, were in value £78,000.

CAPE-CLEAR, an island in Ireland, long known to mariners as a landmark, and is mentioned in the voyage of Pietro Quirino in the year 1431.

CAPE-COAST-CASTLE, town and fortress, in Western Africa, for some time the seat of the British government on the Gold Coast. It was originally settled by the Portuguese, but the Dutch dispossessed them in a few years, and took great pains to strengthen the fortifications. Admiral Holmes captured it, and demolished the citadel, in 1661, since which time it has remained in the possession of Great Britain. When the Dutch admiral, De Ruyter, destroyed all the English factories along the coast in 1665, this place withstood his utmost endeavours. In 1757, with a small force, it successfully resisted the French, under De Kersin. Cape-Coast-Castle was originally surrounded with wood, but a large tract of country has been lately cleared; streets are now formed, and a population is rising.

CAPE OF GOOD HOPE, descried and rounded in 1493, by Bartholomew Diaz; but that navigator, appalled by the stormy aspect, returned, and named it the Cape of Tempests. Emanuel, king of Portugal, inspired by a nobler spirit, called it the Cape of Good Hope. He equipped Vasco de Gama, who, in 1497, passed with safety, and even with ease, round this dreaded boundary, into the seas of India. The Portuguese neglected it, but the Dutch soon discovered the advantages to be derived from it. In 1650, they founded Cape-Town, and extended their settlement to its present limits of the Nieuwveld mountains in the north, and the Great Fish River in the east. Cape-Town was attacked and reduced by a British naval force in September, 1795. It was restored by the

peace of Amiens, but, on the renewal of hostilities, was re-captured by the British in January, 1806.

Under the administration of the earl of Calcedon, from 1807 to 1811, this colony rapidly rose to wealth and importance; but under succeeding governors, a different policy was pursued, and disturbances arose with the Caffres. A treaty had been made with these people, by which it was agreed that a neutral ground should be established between the Great Fish River, (the British boundary), and the Keiskamma, (the Caffre boundary); but, in 1834, along the frontier line from the Winterberg to the mouth of the Keiskamma, a distance of about 100 miles, 15,000 Caffres made a simultaneous irruption into the colony. The aggregate of distress is thus summed up in the report. The number of petitions for relief amounted to 1895, comprising at least, 8370 individuals. Of these applications, 891 were from persons of Dutch extraction, 300 from British settlers, and 704 from Hottentots and other persons of colour. It appears, however, that ample vengeance was taken on the Caffres, on the arrival of the military, by the unjustifiable and indiscriminate slaughter of many of the defenceless inhabitants, as well as those engaged in the insurrection. There were taken from them also (besides the conquest and alienation of their country) about 60,000 head of cattle, and almost all their goats; their habitations were every where destroyed, and their gardens and corn-fields laid waste. To this may be added the horrible murder of the chief Hintza.

In 1835 and 1836, in consequence of these disasters, about 1000 families, chiefly Dutch, emigrated to the neighbourhood of the Zoola country, which is under their despotic chief Dingan. By the latest accounts in 1840, the Caffres continued to make irruptions, and to carry off the cattle.

CAPE-HORN, doubled by Le Maire and Schouten, Dutch navigators, in 1616, who called it after the town of which Schouten was a native. These enterprising men performed a voyage round the world in about two years.

CAPE-DE-VERDE, discovered by Denis Fernandez, a Portuguese, in 1446.

CAPE-DE-VERDE ISLANDS, discovered by Antonio de Noli, a Genoese in the service of Portugal, in 1449.

CAPERNAUM, a town of Palestine,

which stood on the coast of the sea of Galilee, in the borders of Zebulon and Nephtalim. Matt. iv. 15. It was celebrated as the residence of Jesus Christ. Although it stood till the 7th and 8th centuries, its precise situation is quite lost.

CAPILLARY ATTRACTION, the property of liquids to rise above the common level, and preserve their elevation, as if exempt from the power of gravity. This phenomenon, though the subject is still somewhat obscure, has been illustrated by Hook, Clairant, Young, Laplace, and Poisson. The latter discovered the inferiority of density which takes place near the exposed surface of a liquid, which he illustrated in an article on the Equilibrium of Fluids, published in the ninth volume of the Memoirs of the Academy of Sciences, and more fully developed in his "Nouvelle Théorie de l'Action Capillaire," 1829.

CAPITAL PUNISHMENTS. In the seventy-five heads, under which crimes have been defined in the criminal tables, the offences classed under thirty-one were subject to capital punishments after the passing of the acts of the 7th and 8th Geo. IV., in 1827, for consolidating and amending the Criminal Laws. In 1832, capital punishment was abolished for cattle-stealing, larceny to the amount of £5. in a dwelling-house, coining, and forgery, (except of wills and powers of attorney to transfer stock); in 1833, for housebreaking; in 1834, for returning from transportation; in 1835, for sacrilege, and letter-stealing by servants of the post-office.

1837. By the act of the 1st year of Victoria I., capital punishment was abolished for all offences except the following:—murder and attempt to murder, when accompanied with injuries dangerous to life; rape, and carnally abusing girls under ten years of age; unnatural offences; burglary when attended with violence to persons; robbery, when attended with cutting or wounding; arson of dwelling-houses or ships, when the lives of persons therein were endangered; piracy, when murder is attempted; showing false signals to cause shipwreck; setting fire to her majesty's ships of war; riot, or feloniously destroying buildings; embezzlement by servants of the Bank of England; high treason. These last six offences, from their unfrequent occurrence, have not found heads in the tables, so that of the offences classed under thirty-one heads in the tables,

which remained capital till the year 1833, only the six first of the foregoing are now subjected to the extreme penalty of the law. See **CRIMINAL LAW**; **PUNISHMENTS**, &c.

CAPITATION, a tax or imposition raised on each person in proportion to his labour, industry, office, rank &c. This kind of tribute is very ancient. In France, it was introduced by Louis XIV. in 1695.

CAPITOL, **CAPITOLIUM**, the ancient fort or castle, on the Mons Capitolinus at Rome, wherein was a temple dedicated to Jupiter, thence also denominated Capitolinus. The foundations were laid by Tarquin the Elder, A.U.C. 139, A.C. 615, in consequence of a vow which he had made to Jupiter, Juno, and Minerva, on occasion of his last battle with the Sabines, in which he obtained the victory. He levelled the steep top of the Tarpeian-hill, marked out the plan of the temple, which he had promised to erect, and laid the foundation of that structure, which afterwards became the principal place of the Roman worship. It was finished by Tarquin the Proud, A.U.C. 221, A.C. 533.

The ceremony of the dedication of the temple was performed by the consul Horatius, A.U.C. 246, A.C. 508. The capitol occupied eight acres of ground; it was 200 feet broad, and about 215 long. It was burnt in the time of Sylla (A.U.C. 670, A.C. 84), by the negligence of those who kept it; re-built by Q. Lutatius Catulus, as being consul at the time, A.C. 79. It was burnt a second time in the reign of Vitellius, Dec. 19, A.D. 69, and rebuilt under Vespasian. It was burnt again in the reign of Titus, 80, and rebuilt by Domitian with a sumptuous magnificence which had no bounds. No remains of the ancient structure are now to be seen; but the present edifice was built on the same spot by pope Boniface IX., Gregory XIII., and Clement VIII., and completed about the 16th century.

CAPITOLINE GAMES, instituted by Domitian, 86, and continued every fourth year.

CAPO D'ISTRIA, **COUNT**, arrived in Greece, on board the Warspite, British ship of war, and assumed the office of President of the Republic, January 18, 1828. He entered Napoli di Romania, the seat of government, March 2. The fortress of Palamide, the upper citadel,

was delivered up by Theodoraki Griva, the Greek commander, who submitted to the new government. In 1831, the new president was assassinated, October 9, while on his way to attend divine service, by the brother and son of the Mainote chief, Mauromichaelis, whom he had imprisoned. See **GREECE**.

CAPPADOCIA, **KINGDOM OF**, owed its origin to Pharnaces, prefect of the Assyrian monarchy, who established himself in it during the revolution, and about A. C. 744, assumed the regal title. His descendants continued on the throne of Cappadocia, till the death of Archelaus, who bequeathed his kingdom to the empire, A. D. 13. Cappadocia was made a Roman province in 17.

CAPRANU, a town of Greece, near the site of the ancient city of Chæronea. The plain, where Philip of Macedon crushed the liberties of Greece by the overthrow of the Athenians and Thebans, A. C. 338, lies a little to the north of this place. On this plain were also fought two other sanguinary conflicts; one between the Athenians and Beotians, A.C. 447, and another, in which the army of Mithridates was defeated by Sylla, A.C. 86.

CAPRI ISLE, in the Mediterranean Sea, the Caprea of the ancients, celebrated as having been the retreat of the emperors Augustus and Tiberius about the commencement of the Christian era.

CAPS. Caps and hats were first seen in these parts of the world, at the entry of Charles VII. into Rouen, in 1449. When the cap was of velvet, they called it mortar; when of wool, simply bonnet. None but kings, princes, and knights, were allowed the use of the mortar. In 1571, a law enacted that every person above seven years of age should wear on Sundays and holidays, a cap of wool, knit made, thickened and dressed in England, by some of the trade of cappers; under the forfeiture of three farthings for every day's neglect; excepting maids, ladies, and gentlewomen, and every lord, knight, and gentleman, of twenty marks of land, and their heirs, and such as have borne office of worship in any city, town, or place, and the wardens of the London companies.

CAPTAIN, the title of, first applied to regimental commanders, in the reign of Henry VII. The commanding officers of ships are noticed under this title, as early as the reign of Edward I.

CAPTIVITY, the punishment inflicted

by providence on the Jews, for their idolatry and wickedness. The scripture history informs us of five principal captivities, which took place during the government of the judges. The first was that under Chushan-Rishathaim, king of Mesopotamia, and continued eight years, from A. C. 1391 to 1383. The second was under Eglon, king of Moab, and lasted eighteen years, viz. from A. C. 1343 to 1325. The third was that of the northern tribes, by Jabin, king of Hazor, from which they were delivered by Deborah and Barak, in A. C. 1285. The fourth, comprehending north and east Israel, was that under the Midianites, which lasted seven years, from A. C. 1245 to 1238. Their fifth was that under the Ammonites and Philistines, while Jair was judge over north and east Israel A. C. 1173.

But the most signal captivities were those of Israel and Judah, under the sovereigns of these kingdoms, after they were separated, A. C. 975, denominated the Assyrian and Babylonish. The Assyrian captivity, which comprehended that of the ten tribes, commenced in the reign of Pekah, king of Israel, A. C. 740. It closed in the 22nd. year of Manasseh, king of Judah, A. C. 676. It has been generally supposed, that the greater part of the ten tribes was lost in that captivity, which put a period to the kingdom of Israel.

The Babylonish captivity comprehended that of the kingdom of Judah, or of the two tribes of Judah and Benjamin, and lasted seventy years. The mode of estimating its duration has been attended with some difficulty, on account of the different captivities of the Jewish nation, which occurred about the same period. But that in the fourth year of Jehoiakim A. C. 606, seems to be the most accurate commencement of this period, and also the most agreeable to Scripture. The interval extending thence to the second year of Cyrus, A. C. 536, when the Jews were permitted to return to their own land, amounts to seventy years; for Cyrus conquered Babylon towards the close of the year 538; so that the year following, viz. 537, was the first year of his reign, and 536 the second, and the seventy-first from the fourth year of Jehoiakim.

CAPUA, ancient city of Italy, the metropolis of Campania, founded A. C. 801, famous for being the abode of Han-

nibal, the Carthaginian general, after the battle of Cannæ, A. C. 216. After the departure of the Carthaginians, Capua surrendered to the consuls Appius Claudius, and Q. Fulvius Flaccus, A. U. C. 542. Although the buildings were left undemolished, Capua was consigned to be the lodging place of husbandmen, of the adjoining plain, a warehouse for goods, and a granary for corn. Cæsar sent thither colonies, and restored it to its ancient privileges. Cicero was the patron of this new city, A. U. C. 704, A. C. 50.

A. D. 26. Tiberius dedicated in this place, a temple to Jupiter; and in the reign of Nero, 57, the colonies of Capua, and also of Nocera, which were almost extinct, were revived and strengthened by a number of old soldiers, sent thither with the same prerogatives as the ancient inhabitants. In 841, the city was totally destroyed by an army of Saracens, and the inhabitants were driven into the mountains. The Lombards descended again into the plain, built a smaller one on the river Voltorno, choosing for its site that of Casilinum, and calling it by the old name of Capua. Since the foundation of the new city, old Capua, distant from it about two miles, has remained in ruins, occupying a considerable extent of ground. In 856, Landulph formed at Capua, an independent earldom, dismembered from the duchy of Benevento; and in the course of a few generations, it acquired the title of a principality. In the eleventh century, the Normans of Aversa expelled the Lombard race of princes, and Richard, their chief, became prince of Capua.

Capua is at present the see of an archbishop, founded in 968. It was taken from the pope, by the king of Sicily, 1035. Capua was fortified by Vauban; it possesses a strong citadel, and is the key of Naples. In January, 1799, it was taken by a body of troops, commanded by captain Troubridge, of the British navy. In 1803, the town was considerably affected by an earthquake.

CAPUCHINS, a religious sect of the order of St. Francis. They are a reform, made from the order of Cordeliers, set on foot in the sixteenth century by Matthew de Bassi, a religious observant of the monastery of Montefiascone. Pope Clement, in 1525, gave him permission to retire into solitude; together with as many others as would embrace the strict

observance. In 1528, they obtained the pope's bull. In 1529, the order was brought into complete form. In 1543, the right of preaching was taken from the Capuchins by the pope; but in 1545, it was restored to them again with honour. In 1578, there were seventeen general chapters in the order of Capuchius.

CARACALLA, the Roman emperor, son of Severus, born 188. The dignity of Cæsar was confirmed to him in 197, by a decree of the senate. He was made consul in 202. Caracalla, and his brother Geta, were invested with the tribunitian power, in 208. They succeeded Severus, who died at York, 211. After several attempts to murder his brother, Caracalla effected his purpose, on occasion of an interview which was proposed, with a view to their reconciliation. He permitted the memory of his brother to be honoured, using at the same time this memorable expression, "Let him be a god, as long as he is not alive;" and accordingly the senate issued a decree, by which he was enrolled among the gods. Dion Cassius informs us, that in the general massacre of his brother's partisans and friends, Caracalla ordered all his domestics to the number of 20,000 persons, to be inhumanly put to death. Having established in the capital of his empire, a character detestable for cruelty and oppression, and levelled the prerogatives of the Roman empire, he was assassinated April 8, 217, at the age of 29, and after a reign of six years, two months, and six days.

CARACCAS, city and province of South America; with the province of Carabobo, it constitutes, according to the law of June 23, 1824, the department of Venezuela, one of the twelve departments of Colombia. The city is the capital of the department of Venezuela, formerly a captain generalship. In 1812, the population was estimated at 50,000. March 26 of that year, the city was partly destroyed by an earthquake, and nearly 12,000 persons were buried in the ruins. By the political events which followed this catastrophe, the population was reduced, in four or five years, to less than 25,000. Caraccas has been conspicuous throughout the revolution of Venezuela and New Grenada, against the government of Spain. See BOLIVAR and COLUMBIA. It capitulated to the Spanish royalists,

July 28, 1812; and was taken again by the royalists, July 7, 1814.

CARACCI, LUDOVICO, AUGUSTINO, and ANNIBAL, three celebrated Italian painters. Having reaped all the advantages they could by contemplation and practice, formed a plan of association, continued always together, and laid the foundation of that celebrated school, which has ever since been known by the name of Caracci's academy. Annibal, born 1560, died 1609. Ludovico, born 1555, died 1619. Augustino, born 1558, died 1602.

CARACTACUS, one of the most renowned of the British kings. The circumstances of his early years not ascertained. In the reign of Claudius, when Aulus Plautius, the Roman general, landed on the island, A.D. 43, by the direction of a guide, he overtook and defeated Caractacus. In 51, Ostorius Scapula, a Roman general, was sent to Britain in the room of Plautius. He defeated Caractacus, who had taken the command of the Silures (South Wales), and the Ordovices (North Wales), in several battles. Caractacus, flying for protection to Cartismandua, queen of the Brigantes (Yorkshire), was delivered up by her to the Romans; but Claudius, in consequence of his intrepid behaviour, restored him to liberty. The subsequent events of the British chieftain's life had no historian to pen them.

CARADOC of Llancarvan, the Welsh historian, died 1157.

CARAUSIUS proclaimed emperor of Britain, 284; said to be the first who bestowed Scotland on the Picts, as a recompence for their assistance. Till this period the Picts are not mentioned in history. In 293 Carausius was assassinated by Alectus, who then assumed the purple.

CARAVAN, or organized company of merchants, &c., who associate together in Asia and Africa, that they may travel with greater security. The commercial intercourse of Eastern and African nations has been principally carried on, from the remotest period, by means of caravans. During antiquity the products of India and China were conveyed either from Suez to Rhinoculura, or from Bussorah, near the head of the Persian Gulf, by the Euphrates, to Babylon, and thence by Palmyra, in the Syrian Desert, to the ports of Phœnicia, on the Mediterranean, where they were exchanged

for the European productions in demand in the east.

After the establishment of the Mohammedan faith in the seventh century, large caravans of pilgrims used to assemble annually in every country where that faith was prevalent, to visit the Caaba in the temple of Mecca; and though the number of pilgrims has of late years declined greatly, it is still very considerable. The Holy City is crowded during the month of Dhalhajja, corresponding to the latter part of June and the beginning of July, not only with zealous devotees, but with opulent merchants. A fair, or market, is held in Mecca and its vicinity on the twelve days that the pilgrims are allowed to remain in that city.

The two principal caravans which yearly rendezvous at Mecca, are those of Damascus and Cairo. The first is composed of pilgrims from Europe and western Asia; the second of Mahommedans from all parts of Africa. The Syrian caravan is always accompanied by the pascha of Damascus, or one of his principal officers, who gives the signal for encamping and starting, by firing a musket. The caravan which sets out from Cairo for Mecca is not generally so large as that of Damascus, and its route along the shores of the Red Sea is more dangerous and fatiguing. The commerce carried on by caravans in the interior of Africa is widely extended, and of considerable value. Besides the great caravan which proceeds from Nubia to Cairo, and is joined by Mahommedan pilgrims from every part of Africa, there are caravans which have no object but commerce, which set out from Fez, Algiers, Tunis, and Tripoli, and other states on the sea coast, and penetrate far into the interior.

CARAVAN, consisting of 2,000 souls, returning from Mecca, were all destroyed, except twenty, by a kamsin, or pestilential wind, in the deserts of Arabia, August 12, 1812.

CARDAN, JEROM, a voluminous philosophical and medical writer, was born at Pavia, September 24, 1501. At the age of 20 he entered the university of Pavia, where he prosecuted his studies with success. He went to Padua in 1524, and in 1525, he took the degree of doctor in medicine.

1529. He repaired to Milan, and in 1539 was admitted a member of the me-

dical college in that city. In 1547 the king of Denmark, on the recommendation of Vesalius, invited him to accept the office of a professor in the university of Copenhagen, which he refused. At Milan he continued to reside until 1559, his time being employed in the practice of medicine, and in teaching mathematics. From 1559 to 1562, he resided at Pavia, being invited to accept the chair of professor in medicine there; and from 1562 to 1570, at Bologna, where he filled a similar office. Soon after, he was sent for to Rome, was made member of the college of physicians there, and assigned a pension by the pope, which he retained to the time of his death, Sept. 21, 1576.

He wrote on every branch of medicine; and also some treatises on Natural History. His other principal works are, his "De Varietate Rerum," published in 1550, and again, 1557; "Commentaries on the Aphorisms of Hippocrates," in 1553; treatise "De Subtilitate," published in 1550, entirely botanical, and containing descriptions of numerous plants, then first introduced into Italy; "De Chinæ et Sarsaparillæ Radicibus," in 1566, and "Opuscula Artem Medicam exercentibus utilissima." In mathematical science, Cardan claims a tribute of more unrestricted commendation than in medicine; in algebra particularly he challenges the honour of having made some important discoveries; though his pretensions, as an original inventor, have been contested by Tartaglia. These discoveries are contained in the 10th book of his arithmetical writings, which was published at Milan in 1545.

CARDIGAN CASTLE, built in 1155, for the defence of the borders, besieged by Rhys Gryffydd in 1164, when it was taken and razed to the ground.

CARDINALS were originally the parish priests at Rome; title began to be used, 308; college of, founded by pope Pascal I., 817; did not elect the popes till 1160; wore the red hat (to remind them, that thy ought to shed their blood, if required, for religion) and were declared princes of the church, 1222; set fire to the conclave, and separated, and a vacancy in the papal chair for two years, 1314; Carassa was hanged by order of Pius IV, 1560; as was Cardinal Poli, under Leo X; title of Eminence first given by pope Urban, VIII., about 1630.

CARDS said to have been invented about the year 1390, for the purpose of diverting Charles VI., king of France, by Jaquemin Gringonneur, a painter in Paris; forbidden the use of in Castile, 1387. Known in England, in the time of Edward IV. On an application of the card-makers of London to parliament; 1463, an act was made against the importation of playing-cards, 3 Edwd. IV., c. 4. Cards and dice were doubly taxed, April 8, 1755; additional tax in 1789. 428,000 packs stamped in England in 1775.

CAREW CASTLE, Pembroke, built 1100.

CAREY, DR. WILLIAM, an eminent Christian missionary, and distinguished oriental scholar, was born at Paulerspury, in Northamptonshire, Aug. 17, 1761. At a very early period, he discovered a great aptitude in acquiring knowledge; at 14 years old was apprenticed to a shoemaker in the village of Hackleton, where he attracted the notice, and obtained the friendship of, the Rev. Thomas Scott, then of Ravenstone. He joined a baptist congregation, and commenced village preaching in 1783, and was publicly baptized at Northampton, in the river Nen, by the late Dr. Ryland. Chosen pastor of the baptist congregation, at Moulton, near Northampton, in 1791. His resources were then limited, yet he studied the Latin, Greek, and Hebrew languages, and devoted his spare time, and employed the energies of his active mind in extracting from the Holy Scriptures, and arranging for himself, a system of divine truth. From Moulton he removed to Leicester in the year 1787, having been invited to take charge of the baptist congregation in that town.

With Mr. Thomas, who died in India not long after, he was designated as a missionary to India, May 20, 1793; June 13 following, the two missionaries embarked on board a Danish Indiaman, accompanied by Mr. Carey's whole family. Early in 1794, they arrived in Bengal, and the same year Mr. Carey was invited to take charge of an indigo factory near Malda, the property of Mr. Udney, a servant of the East India Company, of high rank. In 1795 he succeeded in establishing a school in the neighbourhood of his factory, and began to preach there in the language of the country every sabbath day. In 1797,

he made a journey into Bootan, and obtained the consent of the Soubah to an attempt to introduce Christianity into that country. In 1799 he resolved to relinquish his appointment in the neighbourhood of Malda, and to take up his residence in the Danish settlement of Serampore.

1801. Mr. Carey's success in the study of the vernacular languages of India recommended him to the Governor General, Marquess Wellesley, who had founded a college in Fort William, to fill the chair of professor, in the Sanscrit, Bengalhee, and Mahratta languages. In 1805, Mr. Carey published his grammar of the Mahratta language, and in the same year opened a mission chapel in the Loll bazaar in Calcutta.

1806. The Vellore mutiny occurred, supposed to have been occasioned by the apprehensions of the native troops, lest the company should determine to pursue a system of forcible proselytism. This event so alarmed the Bengal Council that orders were issued for the discontinuance, for a time, of all missionary exertions. But the order was very much modified; and, although preaching in the Loll Bazaar in Calcutta was for a time discontinued, the missionaries were assured that the Government was "well satisfied with their character and deportment, and that no complaint had ever been lodged against them." In 1805 Mr. Carey received from one of the British universities a diploma as doctor of divinity, and in the following year was elected a member of the Asiatic Society of Calcutta.

In the department of philology, Dr. Carey's labours were immense; his "Mahratta Grammar," already mentioned, was followed by a "Sanskrit Grammar," 4to., in 1806; a "Mahratta Dictionary," 8vo. in 1810; a "Punjabee Grammar," 8vo., in 1812; a "Telinga Grammar," 8vo. in 1814; also, between the year 1806 and 1810, he published the "Raymayana," in the original text, carefully collated, with the most authentic MSS., in three volumes, 4to. His philological works, of a later date are, a "Bengalhee Dictionary," in three volumes 4to., 1818, of which a second edition was published in 1825; and another in 8vo. in 1827-1830; a "Bhontanta Dictionary," 4to. 1826; also, a "Grammar" of the same language, edited by him and Dr. Marshman. He

had also prepared a Dictionary of the Sanscrit," which was nearly completed, when a fire broke out in Serampore and burnt down the printing office, destroying the impression together with the copy, and other property.

The versions of the "Sacred Scriptures," which have issued from the Serampore press, and in the preparation of which, Dr. Carey took an active and laborious part, are numerous. They are in the following languages:—Sanskrit, Hindee, Brij Bhassa, Mahratta, Bengalhee, Orissa or Ooriya, Telinga, Kur-nata, Maldivian, Gujuratee, Buloshee, Pushtoo, Punjabee or Shekh, Kash-meer, Assam, Burman, Pali or Magudha, Tamul, Cingalese, Armenian, Malay, Hindosthanee, and Persian; to which must be added the Chinese.

Dr. Carey lived to see the Sacred Text, chiefly by his instrumentality, translated into the vernacular dialects of more than forty different tribes. In September, 1833, he had a stroke of apoplexy, and died June 9, 1834. His character is thus summed up by his biographer, the Rev. Eustace Carey. "In his religious feelings and experience, his simplicity was most to be admired, and was worthy of unqualified imitation. The plain, substantial, unvarnished doctrines of the Gospel, were the basis of his hope, the stay and consolation of his spirit."

CARIA, an ancient province of Asia, occupying the south western part of Asia Minor. Though frequently mentioned in ancient history, its exact limits are not known in the present day. The Carians claimed the honour of being aborigines, and traced their name and origin to Car, the brother of Lydus and Mysus. From the 11th to the 27th Olympiad, they constructed vessels and traversed the sea, and thus acquired a degree of power which gave them the rank of a maritime empire. About A. C. 734, the Carians acquired the power of the Mediterranean. After various struggles in defence of their country and their liberty, they were at last obliged to submit to the Persians.

In the expedition of Xerxes against Greece, the Carians assisted him with seventy vessels, which were annexed to his naval armament. Lygdamis ascended the throne of Caria towards the 83d olympiad, and was succeeded by Heca-

tomnus, who made Mylasa the capital of his kingdom. He was allowed by the Persian court to possess the kingdom of Caria till his death, which happened in the 99th or 100th Olympiad. A. C. 353, the Rhodians threw off the yoke of the Carians; but Artemisia, the sister and widow of Mausolus, reduced them to their allegiance, and also the inhabitants of the island of Cos, who had imitated their neighbours in their revolt. When Alexander had gained the battle of Granicus, A. C. 334, he penetrated into Caria, and re-established Ada, the queen of that country, in possession of her kingdom.

CARIBBEE ISLANDS, West Indies, extend in a right line from Anguilla in the north to Tobago south, and form the eastern boundary of the Caribbean Sea. The principal of them are, St. Christopher's, Guadaloupe, Antigua, Montserrat, Mariegalante, Martinico, St. Lucia, St. Vincent's, called the windward isles, and Grenada, Tobago, Barbadoes, &c. They were discovered by Columbus in his second voyage, in November, 1493; and thus called by him from the name which the natives of Hispaniola gave to their ancient possessors. See the several Islands.

CARINTHIA, a duchy of Austria, derives its name from the ancient Carni, who were a colony of the Celtes, called, in later times, Carantani and Carinthe. The inhabitants are partly descendants of the ancient Germans, and partly of the Slavonians or Wends. Christianity was introduced into this duchy in the seventh century. In the year 1282, the Emperor Rodolph I. gave this duchy to Maynard, count of Tyrol, on condition that when his male issue failed, it should revert to the house of Austria, which happened in 1331.

This duchy was occupied by the French under Buonaparte, who fixed his head-quarters at Villach, in March, 1797. It is again under the Austrian government, and divided for more convenient jurisdiction into Upper and Lower.

CARINUS, the Roman emperor, having become odious for his vices, the army elected Dioclesian, in 284. Carinus was assassinated by a soldier, whose wife he had violated in 286.

CARISBROOK CASTLE built 692; rebuilt in 1610.

CARLISLE, RICHARD, convicted of publishing Paine's "Age of Reason,"

Oct. 15, 1819. On November 16, following, sentenced to three years' imprisonment in Doncaster gaol, and fined 1500*l.* Jan. 10, 1831, tried and convicted for a seditious libel, alleged to have a tendency to excite the agricultural population to riot, and destroy property. He was subsequently sentenced to two years' imprisonment, to pay a fine of 200*l.*, and to give securities to the amount of 1000*l.* to keep the peace for ten years.

CARLISLE, capital of the county of Cumberland, flourished in the time of the Romans, as appears from the antiquities that are to be met with here, and the Roman coins that have been dug up. During the incursions of the Danes, in the eighth and ninth centuries, this city underwent its full share of calamity, and was wholly consumed by fire; its inhabitants were massacred and its walls overthrown. In 875 its very foundations were buried in the earth, so that, it is said, large oaks grew upon them. In this desolate state the city remained nearly 200 years. William Rufus, about 1094, made a visit to this city, and, perceiving its importance as a frontier station, gave orders that it should be completely restored; several public edifices were built, a strong fortress erected, and the whole defended by a wall of circumvallation.

Having been ceded by Stephen to the Scottish king, David, about the year 1136, it was made a place of retreat by the latter, after his defeat in the dreadful battle of the Standard, in 1138. In 1153, David, king of Scotland, expired here; and in 1216, Alexander, king of Scotland, made himself master of the place. In the 35th year of Edward I., 1307, the parliament met here, Jan. 20, and continued sitting till the palm Sunday following. In 1338, Carlisle was besieged by the Scots, and the suburbs burnt. In the war between Charles I. and his parliament, it sustained a siege, and the general distress was increased by the calamity of famine. The blockade commenced October 9, 1644, and continued till 1645, when the place surrendered to General Lesley, who commanded for the parliament. In 1745, it surrendered, after a short siege, to the forces of the pretender.

CARLISLE CASTLE, built 680; city walls built 690; both repaired 1092 and 1434.

CARLOS DON, Prince of Spain, poisoned by order of his father through jealousy, 1568.

CARLOS DON, brother of Ferdinand VII. of Spain, whose contest for the crown has agitated the country for many years. In 1812, the Cortes having re-established the Salic law, and Ferdinand having no sons, Don Carlos became heir presumptive to the throne; but Ferdinand not acknowledging the legality of these proceedings of the Cortes, issued a decree in March 1830, replacing the right of succession on the same footing on which it had stood in 1789, and his daughter was thus capacitated to mount the throne. About 1825, Don Carlos began to lay claim to the crown. Proclamations in his favour were circulated throughout the kingdom. Oct. 4, 1833, the monks of the convent of San Francisco came out of their monastery with their cross, and proclaimed Don Carlos king by the title of Charles V.

Although forced to seek refuge in Portugal in 1834, he continued to hang on the Spanish frontier with the armed bands which still adhered to him, affording by his presence a rallying point for his partizans, and encouraging discontent throughout the provinces. Don Carlos, with his family and suite, were received, on the 31st May, on board the Donegal man of war, which immediately sailed for England; June 18, landed at Portsmouth, and was received with all due honours, as a Spanish prince. July 10, having left England secretly, he appeared suddenly among his friends and adherents in Spain. Aug. 30, 1834, the Spanish Chamber of Proceres, or Peers, voted the perpetual exclusion of Don Carlos and his heirs from the crown and even from the country of Spain; the same vote of exclusion was afterwards agreed to by the Procuradores.

1839. The civil war continued to this year, when at length the Carlist cause was almost annihilated. Oct. 27, royal decree of Spain, by which the families of persons attached to the service of Don Carlos are exiled from the capital. See SPAIN.

CARLOVINGIAN, race of French kings commences 751, ends 987.

CARLOVINGIAN emperors became extinct, 912.

CARLOVITZA or CARLOWITZ, town, Austrian empire. At this place was concluded the celebrated treaty of 1699,

between Germany, Poland, Russia, Venice, and Turkey, by the mediation of England and Holland,

CARLSBAD, town, in the Austrian empire, in Bohemia. Celebrated for its mineral waters, said to have been discovered in 1358, by Charles IV. while on a hunting excursion. In May, 1820, a congress was held here by the German states, in order to adopt measures for the better internal peace and order of the confederacy.

CARLSCRONA, sea port town of Sweden. It derives its origin and name from Charles XI. who first laid the foundation in 1680. It is adorned with one or two handsome churches, and a few tolerable houses of brick. In 1714 a dock was begun here, hollowed out of the solid rock: it was finished in 1724, but as it was too small for the admission of men of war, in 1757 new docks were begun, upon a stupendous plan worthy of the ancient Romans. In 1790 the town suffered from a tremendous fire, had 1087 houses, two churches, all the merchants' houses except two, and all their magazines, destroyed, June 17.

CARLTON HOUSE, fête given at, when many were hurt by the pressure of the vast assemblage. June 20, 1811. Fête at, given to the Duke of Wellington, 2500. persons present, July 21, 1814.

CARMELITES, or White Friars, or the Order of our Lady of Mount Carmel, an order of religious, making one of the four tribes of mendicants, or begging friars. They take both their name and origin from Mount Carmel in Palestine, formerly inhabited by the prophets Elijah and Elisha, and by the children of the prophets, from which this order pretend to descend in an uninterrupted succession. Phocos, a Greek monk, says, that in his time, in 1185, Elijah's cave was still extant on the mountain, near which were the remains of a monastery; that some years before, an old monk, Berthold of Calabria, by revelation, as he pretended, from the prophet Elijah, fixed there, and assembled ten brothers. In 1205, Albert, patriarch of Jerusalem, gave the solitaries a rigid rule. In 1217, or, according to others, 1226, pope Honorius III. approved and confirmed this rule; though it was afterwards mitigated by Innocent IV. The Carmelites came into England in 1240, and erected a great number of monasteries.

Their first houses were at Alnwick in Northumberland, and Ailesford in Kent. In England and Wales they had about forty houses. In the sixteenth century, St. Theresa, a Spanish lady of an illustrious family, undertook the difficult task of reforming the Carmelite order. Pius V. approved the design, and Gregory XIII. confirmed the reform in 1580; at the particular desire of Philip II., king of Spain.

CARNATIC, a province, in the southern part of the peninsula of Hindoostan, comprehending the former dominions and dependencies of the Arcot nabobs. The first irruption of the Mahomedans into the Carnatic was in 1310; while Allah ud Deen, the scourge of the Hindoos, reigned on the Delhi throne. But actual possession does not appear to have been taken until the conclusion of Aurangzebe's reign, in the commencement of the eighteenth century. In 1743, Anwar ud Deen was appointed Nabob of the Carnatic, and of its capital Arcot. In 1754, after a contest between the different claimants, aided by the French and English East India Companies, Mohammed Ali was left in possession of that portion of the Carnatic recovered for him by the British arms. In 1763 it was again surrendered to the Nabob Mahomed Ali, after having been a second time wrested from the French.

Finally, in 1783, the British had to re-conquer it from Hyder and his son Tippoo. Mahomed Ali died in 1795, and was succeeded by his son Oomdut ul Omra, who died in 1801. Azim ul Omra was then raised to the throne, on which he continued until 1819, when he died, and was succeeded by Auzum Jah, his eldest son, who was proclaimed subahdar of the Carnatic. In 1801 the whole of the possessions of the Nabob of the Carnatic, with the exception of a small portion reserved by him as household lands, were transferred to the British government by treaty.

CARNEADES, the orator, author of the third or new academy, sent A.C. 155, with others from Athens to Rome, to plead before the senate for a mitigation of the tribute levied on their city; by their eloquence they alarmed the senate, but excited among the Roman youth an admiration and emulation of their talents. Carneades died A.C. 128, aged 90.

CARNIÆ, festivals of, instituted at Sparta A.C. 675, to be observed annually

for nine days, in August. Terpander, the poet, was the first victor.

CARNIOLA, province of the Austrian empire, with the title of duchy, forming with Styria, Carinthia, Friuli, and the territory of Trieste, the division of the empire called Inner Austria. Converted to Christianity about the eighth century. In the time of Charlemagne and his immediate successors, it was governed by the dukes of Friuli, and afterwards by those of Carinthia. Under the emperor Otho II., about 976, it became a distinct margraviate, and, on its acquisition by the house of Austria, was raised to the rank of a duchy. By the treaty of Vienna, in October 1809, it was made over to France, and annexed to the first military division of the Illyrian provinces; but, in 1814, was restored to Austria.

CAROLAN, author of the beautiful Irish melodies which have been put into words by Mr. Thomas Moore, died 1738, aged 68.

CAROLINA, NORTH, one of the United States of North America. The first permanent settlements were formed here about the middle of the seventeenth century. North Carolina was long united under the same government with South Carolina; as early as 1715, it had a separate legislature, and in 1727 it was formed into a distinct province. The constitution of North Carolina was agreed to by representatives chosen for that purpose at Halifax, Dec. 18, 1776. The legislative authority is vested in a body, styled the General Assembly, consisting of a senate and a house of representatives, both elected annually by the people.

CAROLINA, SOUTH, with North Carolina and Georgia, was first granted to the Earl of Clarendon and others, by Charles II. in 1663, and the first permanent settlement was made at Charleston in 1710. The first constitution of this state was formed in 1775, the present was adopted in 1790. The legislative authority is vested in a general assembly, consisting of a senate and house of representatives.

1832. Disputes in the United States on account of impost duties, in which South Carolina took the lead. In November, a convention of delegates from all parts of the states assembled at Columbia, and assuming legislative power, enacted an ordinance by which the tariff

acts of 1828 and 1832 were declared null and void. Dec. 10, the President of the United States addressed a long argumentative proclamation to the people of South Carolina, in which he endeavoured to show the propriety of the laws of which they complained, and the policy of obedience; and, in conclusion, alluded to the extreme measures which might become necessary for the preservation of the Union—the recourse to arms. March 15, 1833, the Convention of South Carolina passed a resolution revoking their nullifying protest of Nov. 24, 1832.

CAROLINE, ELIZABETH, Princess of Brunswick, afterwards Queen Consort of George IV. born May 17, 1768; married April 8, 1795. In 1808, his late majesty George III. issued a commission, appointing certain lords to investigate her royal highness's conduct, and to report upon it to his majesty; and they exonerated the princess from all the criminal charges which had been made against her. Feb. 11, 1813, a second enquiry was made, and after several days' minute investigation, the commissioners made their report to the prince regent, in terms which tended to establish the innocency of her royal highness. In consequence of these transactions her royal highness set out on her travels and remained abroad several years.

By the death of George III. Jan. 29, 1820, she became Queen Consort of George IV. Arrived in England June 5, 1820, from Calais. June 10, demanded a restoration of all her rights, in answer to propositions which were made through the medium of Lord Liverpool. On the 22nd the queen protested against any secret investigation of her conduct, and desired time to procure witnesses. 28th, a bag, containing charges against the queen, was opened by a secret committee of the House of Lords. July 7, Majocchi and other witnesses against the queen, landed at Dover. 24th, the queen petitioned for a list of times and places, as well as the several charges adduced against her, which were refused by the house of peers. Aug. 3, she removed to Brandenburgh House, Hammersmith. 19th, the attorney-general (Sir Robert Gifford) opened his charge against the queen.

A bill of Pains and Penalties, founded on the charges to degrade and divorce

the queen, was introduced into the house of peers by Lord Liverpool. Nov. 6, it was read a second time, when a division took place, there being 123 against 95 voices. The 10th, being the third reading, the numbers were only 108 against 99, the numerical majority of nine corresponding exactly to the number of ministers in the house, who were admitted prosecutors as well as judges in that difficult case. To pass the bill by such a majority, and in opposition to the will of a great portion of the British nation, would have been dangerous in the extreme, and Lord Liverpool, in consequence, moved that the bill should be reconsidered that day six months.

1821. At the coronation of George IV. July 19, solemnized in Westminster Abbey, Queen Caroline attempted to gain entrance into Westminster Hall and the Abbey, but was repulsed. Aug. 7, died at Hammersmith, after an illness of eight days. 21st. Her remains were interred in the family vault at Brunswick.

CAROLINE ISLANDS, a very extensive and numerous range, the most western of Polynesia, reaching between the parallels of $3\frac{1}{2}^{\circ}$ and $9\frac{1}{2}^{\circ}$ N. over nearly 30° of longitude, from Current Island, or Pulo Anna, on the west, to Ualan, on the east. They were among the latest known in the South Sea: and were discovered first in 1686, by Francisco Lazcano, driven thither by a storm from the Ladrones, who gave them the name after Charles of Spain. Since that time there has been a considerable intercourse between the two groups; and the shipwreck of Captain Wilson in 1783, made us acquainted with the Pelew Islands, Hogolen, Yap, and Ponnipet, discovered by the Russians in 1826, are high islands, and the largest in the Archipelago. Notwithstanding, these islands were but little known in detail till Captain Dauperry in the Coquille, in 1834, ran through their whole extent from E. to W. discovering many small islands, and surveying in detail the island of Ualan or Oualan.

This island was, about 1836, visited and described by the Russian navigator, Captain Luthe. It is the most easternmost of the group, and is 24 miles in circumference. The people are rather below the middle size, well made, but slight, hospitable, peaceful and kind in their manners. The urosses or chiefs

reside altogether in one small town, and are implicitly obeyed by the people.

CARP, first brought to England 1525.

CARPATHIAN NATION, surrendered themselves to the Romans who settled them in Pannonia in 295.

CARPENTERS' COMPANY, London, incorporated 1344.

CARPET, order of the, made in England, 1553.

CARR, SIR JOHN, knt., a facetious writer of travels, born 1772. He was a native of Devonshire, and bred to the law, which he practised in the Middle Temple; and at first had recourse to travel, on account of ill health. His first publication was "The Fury of Discord, a poem," printed in 1803, in 4to. His "Stranger in France, a Tour from Devonshire to Paris," written in the same year, was read with avidity. In 1804, he published "The Sea-side Hero, a drama, in three acts," the scene of which was laid in Sussex, on the supposed attack of the anticipated invasion; and in 1805 appeared "A Northern Summer, or Travels round the Baltic, through, Denmark, Sweden, Russia, part of Poland, and Prussia, in 1804." In 1806, appeared "The Stranger in Ireland; or a Tour in the Southern and Western parts of that country, in 1805;" soon after, the author was knighted by the duke of Bedford, then viceroy; in 1807, he published "A Tour through Holland, along the right and left banks of the Rhine, in the South of Germany, in 1806."

The frequency of his productions now began to elicit remark; and Mr. Edward Dubois ventured to satirize Sir John Carr's trade in Tours, in a 12mo. little book, entitled "My Pocket Book, or Hints for a Ryghte Merrie and Conceitede Tour, in 4to., to be called The Stranger in Ireland, in 1805; by a Knight Errant, and dedicated to the paper makers." For this publication, the booksellers were prosecuted in 1809. It appeared on the trial, that Sir John Carr had received for the copyright of his Stranger in France £100; for the Northern Summer £500; for the Stranger in Ireland £700; and the Tour in Holland £600. Sir John failed in obtaining a verdict, the jury considering that "My Pocket Book" contained no personal reflections on the knight. He died July 17, 1832, in New Norfolk street, London, aged 60.

CARREL, ARMAND, editor of the "National" newspaper, and one of the political writers who were conspicuous in the proceedings which brought about the Revolution at Paris, in 1830, died July 24, 1836, of a wound received in a duel, with the editor of "La Presse." His remains received a public funeral, at which men of such opposite sentiments as Chateaubriand, Arago, Lafitte, and Beranger, were present.

CARRIAGES taxed 1747, 1776, 1782, 1785, and 1808. By 2 and 3 Will. IV., 1832, the tax was reduced on carriages with less than four wheels. By this act, two-wheeled carriages, drawn by one horse, without metal springs, value under £21, pay only £1 10s. duty.

CARRIBBEE, or CARIBBEE ISLANDS. See **CARIBBEE ISLANDS.**

CARRIERS. Proprietors of carts and waggons, masters and owners of ships, hoymen, lightermen, bargemen, ferry-men, &c., are denominated common carriers. At common law, there is no distinction between carriage performed by sea or land; but by the 7th Geo. II., c. 15, and 26 Geo. III., c. 86, corrected and amended by 53 Geo. III., c. 159, it is enacted, that ship-owners are not liable for any loss or damage happening to goods on board, through the fraud or neglect of the master, without their knowledge or privity, further than the value of the vessel, and the freight accruing during the voyage.

Until the act of 1830, a carrier might, by express stipulation, giving public notice to that effect, discharge his liability from all losses by robbery, accident, or otherwise, except those which arose from gross negligence. Notices generally bore, that the carrier would not be responsible for more than a certain sum (usually £5) on any one parcel, the value of which had not been declared and paid for accordingly. But to avail himself of this defence, the carrier was bound to show that the bailor, or his servant, was acquainted with the notice, at the time of delivering the goods.

This gave rise to a great deal of litigation and uncertainty, and to obviate the inconveniences thence arising, the important statute, 1 Will. IV. c. 68, was passed. This act declares, that carriers by land shall not be liable for the loss of certain articles specified in the act, when their value exceeds £10, unless the na-

ture and value of such articles be stated at the time of their delivery to the carrier, and an increased charge paid or agreed to be paid upon the same. It is further declared, that no publication of any notices by carriers shall have power to limit their responsibility at common law for all other articles except those specified in the act.

CARRINGTON, N. T., a modern poet, author of "My Native Village," and other poems, born at Plymouth, in 1777. He entered himself as a seaman on board a ship of war, and served in the action which took place off Cape Finisterre, February 14, 1797. His first poem of any importance was the "Banks of Tamar," in 1820. He next published "Dartmoor," a descriptive poem. This was written for the purpose of being submitted for the premium offered by the Royal Society of Literature, but the premium was awarded three or four months before Mr. Carrington was aware that the time of presentation had arrived. By some chance, it came under the notice of W. Burt, Esq., secretary of the Plymouth Chamber of Commerce, who persuaded Mr. Carrington to publish it, and in 1826 it appeared. In 1827, he was attacked by consumption, and in a few months, it was apparent that the disease would inevitably be fatal. During his illness, he wrote and prepared for the press his last publication,—"My Native Village, and other Poems." He was liberally patronised by his late majesty, George IV. He died September 2, 1831, at his son's house, in St. James's street, Bath, after long and patiently-endured suffering, aged 53.

CARRON IRON WORKS, situate at a village of Scotland, in the county of Stirling, seated on a river of the same name. These works, which have attained distinguished celebrity, were first established principally under the direction of Dr. Roebuck, an ingenious chemist and physician, of Birmingham. The necessary preparations for the establishment of the iron-works, were finished towards the close of the year 1759; and on the first of January, 1760, the first furnace was blown. The present proprietors of this foundery are a chartered company, with a capital of £150,000 sterling, a common hall, &c.

CARTE, THOMAS, a learned and laborious English historian, born April 23, 1686. In consequence of a sermon,

preached January 30, 1713, 14, and vindicating the character of Charles I., he was engaged in a controversy with Mr. Chandler, which occasioned his first publication, entitled "The Irish Massacre, set in a clear light, &c." In 1715, he was suspected of being concerned in the rebellion, and was for some time concealed in the house of a clergyman, at Coleshill. Being charged with high treason, in 1722, a reward of £1000 was offered for seizing his person. He escaped to France, and resided in that country several years under the name of Philips. By the interest of queen Caroline, he obtained permission to return, and soon after engaged in his important work, "The History of the Life of James, duke of Ormonde," published in 1735, 36. He commenced his great work, the History of England, in 1738, which was not completed till 1755. He died at Caldecot house, near Abingdon, in Berkshire, April 2, 1754.

CARTES, RENE' DES, the French philosopher. See DES CARTES.

CARTHAGE a celebrated city of antiquity, the capital of Africa Propria, and which for many years disputed with Rome the sovereignty of the world. The beginning of its history is obscure and uncertain. It was said to have been built by Queen Dido, A.C. 869, who to avoid the avarice of Pygmalion, had, with a few faithful followers, left her native land, and after wandering for some time in search of a settlement, fixed upon the coast of Africa. Some writers think that she only enlarged a town already built. The new city soon became very populous and flourishing, but on account of the Punic archives being destroyed by the Romans, there is a chasm in its history for above 300 years. The Carthaginians applied themselves to maritime affairs, and by degrees extended their power over all the islands in the Mediterranean. From A.C. 480 to 250 perpetual wars took place between the Sicilians under Dionysius, Agathacles, and others, and the Carthaginians.

A.C. 256. The first Punic war commenced, and is said to have lasted 24 years. After many bloody engagements by which the resources of these rival republics were mutually exhausted, hostilities were terminated by an important naval engagement, A.C. 242, in which Lutatius, the Roman consul, destroyed the Carthaginian fleet, off the isles of

Ægates, which caused the Carthaginians to sue for peace, and ended the first Punic war.

Next followed the African or Lybian war, principally occasioned by a neglect on the part of the Carthaginians in settling the arrears of the soldiers' pay, or fulfilling the promises made to them by Hanno; it lasted three years and four months, terminating in A.C. 238. In A.C. 237, Hamilcar the Carthaginian general, led an army into Spain, and took with him his son Hannibal, nine years old, having first made him swear on the altar an eternal enmity to Rome. A.C. 219, Saguntum, in Spain, was taken by Hannibal, after a siege of about eight months: the inhabitants, to avoid falling into his hands burnt themselves with their houses and effects: this led to a new quarrel between Rome and Carthage.

A.C. 218. The second Punic war began with Hannibal's crossing the Alps, and continued seventeen years: the Romans were defeated at Ticinum and Trebia, A.C. 217, and at Thrasymene, 216. Hannibal gained a complete victory over the Romans at Cannæ, in Apulia, about May 21: 40,000 of them were killed in this affair; and three bushels of rings taken from the knights, were sent as a trophy to Carthage. Hannibal continued in Italy about 16 years altogether, but did little more than harass his enemies, for want of reinforcements, which were withheld by a faction at home.

A.C. 207. Asdrubal, having entered Italy across the Alps, with troops to reinforce his brother Hannibal, was defeated and slain by Claudius Nero. A.C. 204, Scipio arrived in Africa, and besieged Utica; next year, he took, in one day, the camps of Asdrubal and his son-in-law Syphax, a king of Numidia, who had come to relieve the city. A.C. 203, Hannibal was recalled from Italy, to defend the Carthaginian territories; the Romans having carried the war into Africa. A.C. 202, Scipio, surnamed Africanus, defeated Hannibal at the battle of Zama, Oct. 19; and, next year, the Carthaginians obtained peace on very humiliating terms which closed the second Punic war.

A.C. 149. The third Punic war commenced, and lasted three years. A.C. 146, Æmilianus Scipio finished it by the destruction of Carthage. Before he destroyed the city he sacrificed to the gods and caused a plough to be drawn round

the walls of the city. After this, the towers, ramparts, wall, and all the works which the Carthaginians had raised in the course of many ages, and at a vast expense, were levelled with the ground; and lastly, fire was set to the edifices of the proud metropolis, which consumed them all, not a single house escaping the flames. When he saw this famous city, which had been so flourishing 700 years, and might have been compared to the greatest empires, on account of the extent of its dominions both by sea and land, entirely ruined, historians relate that he could not refuse his tears to the unhappy fate of Carthage.

According to some authors, Carthage was rebuilt by Julius Cæsar; and Strabo, who flourished in the reign of Tiberius, affirms it in his time to have been equal, if not superior, to any other city in Africa. Maxentius laid it in ashes about the sixth or seventh year of Constantine's reign. Genseric, king of the Vandals took it A.D. 439; but about a century afterwards it was reannexed to the Roman empire by Belisarius. At last the Saracens, under Mahomet's successors, towards the close of the seventh century, so completely destroyed it, that there are now scarcely any traces remaining. The city of Tunis was built about 10 miles from the site of Carthage.

CARTHAGENA, seaport town of Spain, founded A.U.C. 525, A.C. 229, by Asdrubal, the Carthaginian general, in order to secure the subjection of the country. It was taken by Scipio Africanus A.C. 212, after the defeat of Hannibal under the walls of Carthage in Africa. It became a Roman colony in the time of Cæsar, who established a colony in it after the battle of Munda. After having been destroyed by the Goths, it was rebuilt by Philip II., in the sixteenth century.

CARTHUSIANS, an order of religious, instituted by S. Bruno, about the year 1084, remarkable for the austerity of their rule, which obliges them to a perpetual solitude. There have been some female Carthusian convents; but the increase of them was prohibited in 1368. They were brought into England by Henry II, about the year 1180, and had only nine houses; their first house being at Witham in Somersetshire.

CARTWRIGHT, MAJOR JOHN, the steady and upright advocate of parlia-

mentary and national reform, died 1824.

CARTWRIGHT, REV. EDMUND, brother of the above-mentioned illustrious man, and father of reform, was the inventor of the weaving-machine, died 1814.

CARUS, M. AURELIUS, the Roman emperor, succeeded to the throne in 282, killed by lightning, in 284.

CASAL, an ancient town of Italy, inhabited by several families, some of whom pretend to have their descent from Numa Pompilius. It was formerly strongly fortified, and withstood a siege in 1629. The imperialists obtained possession of it in 1706, the French in 1745, and, like the rest of Italy, it has acknowledged different masters with the rise and fall of the great powers in the late wars.

CASAN, or **KASAN**, ancient Bulgaria, a government of European Russia, formerly a khanship, founded by the grandson of Genghiz Khan. In 1441, the governor declared himself an independent prince, but in 1552, the district was conquered by Ivan II., and annexed to Russia.

CASAS, BARTHOLOMEW DE LAS, a Spanish prelate, eminently distinguished for his humanity and zeal for the conversion of the Indians, was born at Seville in 1474; and accompanied his father who sailed to America with Christopher Columbus in 1493. He exerted himself with extraordinary zeal for fifty years together, in his endeavours to persuade the Spaniards that they ought to treat the Indians with equity and mildness; for which he suffered a number of persecutions from his countrymen. He died at Madrid in 1566, aged 92.

CASAUBON, ISAAC, a learned critic and commentator, born at Geneva in 1559. In 1578, he commenced his studies there. In 1598, he removed to Paris, where he was introduced to King Henry IV. After this prince's death, he went to England with Sir Henry Wotton, ambassador from King James I. He died in 1614; and was interred in Westminster Abbey, where a monument was erected to him.

CASAUBON, MERIC, son of Isaac, born at Geneva in 1599. He accompanied his father to England, in 1610, finished his education at Christ-church college, Oxford, where he took the degree of M. A. in 1621. In 1628, by the

interest and recommendation of Bishop Laud, he was made prebendary of Canterbury. He died in 1671. His publications were very numerous. Among others, "A Treatise concerning Enthusiasm, as it is an Effect of Nature, but is mistaken by many for either Divine Inspiration, or Diabolical Possession," 1655; a work highly commended by Sir William Temple, as a happy attempt to account for delusions upon natural principles.

CASHMAN, JOHN, a Spa-fields rioter, hanged for stealing firearms from the shop of Beckwith, March, 12, 1817.

CASHMERE, valley and city, Central Asia, in the Afghan state of Cabool. According to tradition, the valley of Cashmere was drained and colonized by Casyapa, about A. C. 2666, from which date there is a regular chronological table of kings, down to its conquest by the Mahomedans. It was attacked and ravaged by the Mahmood of Ghizni, A. D. 1012. It was afterwards governed by a race of Tartar princes of the Chug, or Chagatay tribe, until 1586, when it was subdued by Acbar, and continued subject to the Moguls of Delhi, until the time of Ahmed Shah Abdali, of Cabul, to which kingdom, until recently, it continued annexed.

1809. Mahomed Azim Khan, the soubahdar of the province, threw off the yoke. In 1816, a powerful army from Cabul attempted its recovery, but, owing to treachery, was compelled to retreat. In 1819, Runjeet Singh, of Lahore, effected the conquest of the city, and some portions of the country. In 1820, the chief of Cashmere, Mahomed Azim Khan, made overtures for a treaty of alliance, and requested that Cashmere might be taken under the protection of the British government. This proposal, however, was not assented to.

CASIMIR III., surnamed the Great, king of Poland, succeeded his father Uladislaus III., in 1333, and, soon after his accession, engaged in a contest with the Teutonic knights. He first gave the Poles a regular code of written laws, such as had never before been seen in Poland. He died 1370, aged 60.

CASLON, WILLIAM, an eminent letter-founder, was born in 1692, at Hales Owen in Shropshire. In 1735, he established his foundery in Chiswell-street, where, in process of time, it became the first existing in this or in any

foreign countries. He died in January, 1766, aged 74.

CASSANDER, king of Macedon, was son of Antipater, and one of Alexander's chief captains. Upon the death of Alexander, he had the province of Caria assigned him. Became master of Athens, A. C. 318; usurped the throne of Macedon, A. C. 311; rebuilt Thebes, and founded Cassandria, A. C. 315; put to death Roxana and her son, A. C. 311; and died A. C. 295.

CASSANDRA, daughter of Priam, king of Troy and Hecuba, and wife of Agamemnon; she fell a victim on occasion of the assassination of that prince about A. C. 1149.

CASSANO SULL ADDA, town of Italy, in the Lombardo-Venetian territory. Celebrated for a battle fought here in 1705, between the French and Austrians, commanded by Prince Eugene; and another in 1799, between the armies of the same nations.

CASSAY, province of India beyond the Ganges. In 1754, Alompra, monarch of the Burman empire, sent an army against the Cassays, and attempted to subjugate them; and again in 1757. In 1765, his son entered and plundered Cassay, and in 1774 took Munipoor, the capital, and reduced Cassay to the condition of a province of his kingdom. In this dependence it continued up to 1824, when the Burmese were driven from Munipoor by the British, and the independence of Cassay, was accomplished by the treaty of Yandaboo.

CASSEL, or **MONT CASSEL**, a town of France, department of the north. Celebrated in military history as having been the scene of the following battles: between Robert le Frison and Philip I., 1070; between Philip le Bel and the Burgundians, 1328; between Philip, duke of Orleans, and the prince of Orange, in 1677.

CASSEL, capital of the electorate of Hesse Cassel. During the seven years' war, this town (then fortified) was long the head quarters of the French, until in 1762, they surrendered it to the allies. The fortifications were then demolished. Jerome, king of Westphalia, embellished this place, which he made the capital of his kingdom, until its dissolution in 1813.

CASSINI, JOHN DOMINIC, an eminent astronomer, born at Piedmont in 1625. The comet which appeared in 1652, was observed by him with great

accuracy; and he discovered that comets were bodies of the same nature, and probably governed by the same laws, as the planets. The same year he resolved the astronomical problem, which Kepler and Bullialdus had deemed incapable of solution, for geometrically determining the apogee and eccentricity of a planet from its mean and true place. He directed peculiar attention to the theory of Jupiter's satellites, which he settled with accuracy, and published at Rome, among other astronomical pieces in 1666. In 1669, he was appointed royal astronomer at Paris, where he was naturalized in 1673. In 1672, he determined the parallax of Mars and the sun. In 1677, he demonstrated that the diurnal rotation of Jupiter about its axis was performed in 9 hours 58 minutes. In 1684, he discovered four satellites of Saturn, in addition to that which Huygens had before observed; and in 1695, he visited Bologna for the purpose of examining the meridian line which he had fixed there in 1653, and there he showed, in the presence of several eminent mathematicians, that it had not for forty years undergone the least variation. He died September 14, 1712, aged 87.

CASSINI, JAMES, the younger son of the former, was born at Paris in 1677. In 1696, he visited England, and became a member of the Royal Society. In 1700, he assisted his father in the measurement of the meridian; and in 1718, he finished the operation begun by M. de la Hire, north of Paris, in concurrence with Maraldi and the younger de la Hire. In 1712, he succeeded his father as astronomer royal at the observatory. In 1717, he communicated to the academy his researches on the distance of the fixed stars. In 1725, he undertook to investigate the cause of the moon's libration. In 1740, he published his "Astronomical Tables," and his "Elements of Astronomy;" both of which are very comprehensive and accurate works. He died, April, 1756, aged 80.

CASSINI, DE THURY, CÆSAR FRANÇOIS, the second son of the former, who succeeded his father as director of the observatory, and was a member of most of the learned societies in Europe, born at Paris, June 17, 1714. He was scarcely 13 years of age when he calculated the phases of the total eclipse of the sun, in 1727. He undertook to measure the meridian of Paris by a new series of triangles, the result of which was pub-

lished in 1740. In 1761, he undertook an expedition into Germany, for the purpose of continuing to Vienna the perpendicular of the Paris meridian. His observations of the transit of Venus, June 6, 1761, made during his stay at Vienna, were published in his "Voyage en Allemagne." The volumes of the memoirs of the French academy, between the years 1735 and 1770, contain a great number of his papers. Having cultivated astronomy for 50 years, he died of the small-pox, September 4, 1784, aged 71.

CASSIUS, CAIUS, a celebrated Roman, who, in the civil war between Cæsar and Pompey, took part with the latter, and commanded his fleet. After the battle of Pharsalia, A.C. 48, he sailed with 70 ships to the coast of Asia, with a view of raising forces, and renewing the war against Cæsar. He was engaged with Brutus in the conspiracy against Cæsar. See BRUTUS. He was slain at the battle of Phillipi, A.C. 42, but the particular circumstances of his death have not been ascertained.

CASTALIO, (SEBASTIAN,) translator of the Latin Bible, born 1515, died 1563.

CASTILE AND ARAGON, kingdom of, began during the civil contentions of the Saracens in Spain, in 1035; the former under Ferdinand, who united Leon to it next year, and the latter Ramirus. These subsisted as separate states till 1474, when Ferdinand V., heir of Aragon, married Isabella, queen of Castile, and, by the death of John II., in 1479, they reigned jointly over both kingdoms, from which period the Spanish monarchy commences. See SPAIN.

CASTINE, fort of, in the Penobscot, taken by the British September 1, 1814.

CASTLE AND SWORD, order of, established by the prince regent of Portugal, 1807.

CASTLE-ANE PRIORY, Norfolk, built 1090.

CASTLE-ANE MONASTERY, Yorkshire, built 1085.

CASTLE CORNET, Guernsey, built 1100.

CASTLE POLLARD, Ireland, an affray with the police, May 28, 1836. A coroner's inquest returned a verdict against the chief constable and eighteen of the police, of having caused the death of several individuals by firing at them. The grand jury subsequently ignored the bills preferred against them for murder, and the relatives of the individuals refusing to

proceed against them for manslaughter, the prosecution was abandoned.

CASTLE-RISING CASTLE, Norfolk, built 1204.

CASTLE-RUSHEN CASTLE, Isle of Man, built 960.

CASTLE-TOWN, Isle of Man, built 960.

CASTLES IN ENGLAND. The Saxons, Romans, and even the ancient Britons, had castles built with stone, yet, these were both few in number, and even at the conquest, through neglect or invasions, either destroyed or so much decayed, that little more than their ruins were remaining. Richborough, Portchester, and Pevensey, are the three greatest fortresses the Romans have left us. Alfred the Great was the first of our princes with whom the building of castles became an object of national policy. To this period the most judicious of our writers have referred the castle at Colchester, in Essex.

William I., sensible that the want of fortified places in England had greatly facilitated his conquest, and might, at any time, also, facilitate his expulsion; made all possible haste to remedy the defect. On his accession, he began to erect castles all over the kingdom, and likewise to repair and augment the old ones, so that between 1140 and 1154, there were 1115 castles of this description. As the feudal system gathered strength, these castles became the heads of baronies. But the lords of these castles began to arrogate to themselves a royal power.

At length their insolence and oppression becoming intolerable, in the treaty between King Stephen and Henry II., when only duke of Normandy, about 1153, it was agreed, that all the castles built within a certain period should be demolished; in consequence of which many were actually rased, but not the number stipulated.

The total change in military tactics brought about by the invention of gunpowder and artillery, in the fourteenth century, conspired to render castles of little use or consequence as fortresses. The last historical notice of them is in the reign of James I., a little before the breaking out of the civil war, Jan. 22, 1636, when a commission was issued appointing lieutenant colonel Francis Coningsby, commissary general of and for all the castles and fortifications in England and Wales, with an allowance o

13s. 4d. a-day, to be paid out of the cheques and defalcations that should be made by him from time to time; or, in default thereof, out of the Treasury.

CASTOR, in Lincolnshire, church of, nearly destroyed by lightning, June 6, 1795.

CASTRO DE ORDIALES, a port in Biscay, stormed and taken by the French, May 11, 1813, evacuated, and taken possession of by the English, May 25.

CATACOMBS, subterraneous excavations for the burial of the dead. These are monuments of great curiosity, considerable both in size and number, and most of them of great antiquity. Some are temples, like those of India, in the mountains of Ellora; some have been originally executed for the purpose of sepulture; others have owed their origin to the operations of quarrying for building materials, and have been subsequently converted to other purposes: of this nature are the catacombs of Rome, and the quarries, or *Latomiæ* of Syracuse, which served for public prisons.

The catacombs of Thebes are, among all these monuments, the most extraordinary and magnificent; these consist of the Necropolis or city of the dead, on the west bank of the Nile, which was the common burial-place of the inhabitants, and the tomb of the kings. The former is situated on the north-west of this city. These excavations are almost innumerable, and occupy a space of nearly a mile and a half square. The sepulchres of the kings of Thebes are the most ancient catacombs with which we are acquainted, as they can be traced during a period of 3000 or 4000 years. The whole chain of mountains in the neighbourhood of Thebes, is penetrated for almost three-fourths of its height, by an almost incredible number of openings, leading to an immense labyrinth of catacombs. See **THEBES**.

The catacombs of Paris were recently open for inspection to travellers from this country. The bones there deposited were brought from different churchyards and quarters of Paris, and the catacombs contain the bones of two millions three hundred thousand persons. On April 7, 1786, this vast charnel-house was consecrated by the grand vicars of that metropolis. They were opened for inspection about 1816.

CATALOGUES, lists, or enumerations of the names of books, men, or other things; disposed according to a

certain order, first adopted by George Willer, a bookseller, of Augsburg, in the year 1554. Catalogues of English books were first printed and published in England 1595, and in Ireland 1632. The most applauded of all catalogues is that of Thauanus's library, first drawn up by the two Puteani, in the alphabetical order, then digested according to the sciences and subjects, by Ishm. Bullialdus, and published by F. Quesnel at Paris, in 1679, and reprinted at Hamburgh in 1704.

CATALONIA, anc. Taraconensis, a province of Spain, one of the first which attracted the attention of the Romans, and in which they first established their dominion. It was wrested from them by the Goths in 470; from the latter by the Moors in 712, and from them by the French in the beginning of the ninth century. Under the counts of Barcelona, in the twelfth century, Catalonia was divided into vigneries, which subsisted soon after the union of the province with the rest of Spain. During the war of the succession, the Catalonians joined the standard of the archduke Charles; but when the imperial troops had evacuated Spain, they were obliged to yield after an obstinate resistance of two years to the authority of Philip V., at the beginning of the 17th century, becoming governed like the rest of the kingdom.

CATANIA, the ancient Catana, a town of Sicily, in the valley of Noto, near the foot of mount *Ætna*, founded in the eighth century. It has frequently suffered in ancient and modern times, from the eruption of this mountain. The edifices, even the walls of the city, are built principally of lava. The ancient city Catana was entirely destroyed by an earthquake, in 1693; its ruins, when dug up, have all been found to consist of lava, which furnished materials for the modern city. Catania received considerable damage from a shock which occurred in Feb. 1783.

CATAPULTÆ, ancient military engines, designed to cast stones or arrows, said to have been invented by Dionysius, of Syracuse, A. C. 398.

CATEAU CAMBRESIS, peace of, between France, Spain and Piedmont. France ceded Savoy, Corsica, and nearly 200 forts in Italy and the Low Countries, in 1559.

CATENARY, a mechanical curve, formed by a heavy flexible line hanging

freely from two points of suspension. Galileo mistook the true nature of this curve, which was not discovered till 1691, when M. John Bernoulli, jointly with Huygens and Leibnitz, gave the solution. Its properties were afterwards in 1697, investigated by Dr. David Gregory, who contends, that the catenary curve inverted, is the best shape possible for the arch of a bridge.

CATHARINE I., Empress of Russia, originally the natural daughter of a country girl, was born at a village near Dorpt, in Livonia, in 1687. In 1701, she espoused a dragoon of the Swedish garrison of Marienburgh. In 1704, she became the mistress of Peter the Great, and won so much upon his affections, that he soon afterwards espoused her. The ceremony was at first secretly performed, and in 1712 it was publicly solemnized with great pomp at Petersburgh. The peace of Pruth, in 1711, by which the Russian army was rescued from certain destruction, has been wholly attributed to Catharine. On the death of Peter, Jan 28, 1725, prince Menzikof, hastened to the palace to proclaim her sovereign. The reign of Catharine may be considered as the reign of Menzikof, that empress having neither inclination nor abilities to direct the helm of government. She died May 17, 1727, a little more than two years after her accession to the throne, and in about the 40th year of her age.

CATHARINE II., Empress of Russia, whose original name was Sophia Augusta Frederica, was the daughter of Christian Augustus of Anhalt Zerbst, and was born at Stettin, May 1, 1729. When only 14 years of age, she was married to the duke of Holstein Gottorp Oldenburg, a nephew of the empress Elizabeth, whom she had selected for her successor. Immediately after their marriage, they were formally acknowledged, as grand duke and duchess of Russia. On the death of the empress, Jan. 5, 1762, the grand duke ascended the throne, by the name of Peter III.; but in consequence of the intrigues of Catharine, on July 14, he was taken prisoner by her orders, prevailed on to renounce his crown, conveyed to the castle of Robscha, and three days afterwards put to death. The empress, on her assumption of the government, notified the event to all the courts of Europe, under the new name of Catharine Alex-

iewna II. The same year she expelled the lawful sovereign of Courland, and invested Biron, a creature of her own, with the ducal cap. In 1768, Catharine declared war against the Turks, in which the Russians were triumphant, both by sea and land. The mind of Catharine was occupied with projects of subjugating the Persians, and assisting in the overthrow of the French republic, when she was seized with a fit of apoplexy, which occasioned her death, Nov. 10, 1797, aged 68, and in the 35th year of her reign. See RUSSIA.

CATHARINE OF ARAGON, first queen of Henry VIII. of England, born in 1483; married to Arthur, son of Henry VII., 1501, who died the same year; when she was contracted to Henry VIII.; divorced 1529, died 1536.

CATHARINE HALL, Cambridge, founded in 1475.

CATHARINE-HILL CHAPEL, Surrey, built in 1230.

CATHARINE HOWARD, the fourth wife of Henry VIII., beheaded in 1542.

CATHARINE ST., Order of knighthood, began in Palestine, 1063.

CATHARINE, ST., Order of, in modern history, belongs to ladies of the first quality in the Russian court. It was instituted in 1714, by Catharine, wife of Peter the Great, in memory of his signal escape from the Turks in 1711.

CATHOLICS, a name given in the 1st century to the Roman christians, and afterwards assumed by the christian church, in order to distinguish itself from all sects. The Romish church now particularly claims the name of catholic, in opposition to all those who have separated from her communion.

LAWS IN ENGLAND IN RELATION TO CATHOLICS. The two statutes, 1 Eliz. c. 1 & 2, 1558, 1559, commonly denominated the acts of supremacy and uniformity, form the basis of that restrictive code of laws, which pressed heavily for more than two centuries upon the adherents to the Romish church. In 1581, an act passed, which, after repeating the former provisions that had made it high treason to reconcile any of her majesty's subjects, or to be reconciled, to the church of Rome, imposes a penalty of £20 a month on all persons absenting themselves from church. In 1584, a law was enacted enjoining all jesuits, seminary priests, and other

priests, whether ordained within or without the kingdom, to depart from it within forty days, on pain of being adjudged traitors.

1591. A statute was enacted, 33 Eliz. c. 2, restricting popish recusants to particular places of residence, and subjecting them to other vexatious provisions. These statutes were not enforced during the reign of Charles I., so that the number pardoned, in the first 16 years of that king, is said to have amounted, in twenty nine counties only, to 11,970. In the reign of Charles II., some steps were taken towards mitigating the penal laws against the catholic religion, by the lords, in the session of 1661. In 1672, the king again published a declaration of indulgence, or a suspension of all penal laws. In 1673, parliament compelled the king to recal his proclamation, and raised a fresh barrier against the encroachment of popery in the test act.

The year 1678 was rendered memorable by the great national delusion of the popish plot, which gave rise to the measure of the exclusion bill, and afterwards to the carrying of a measure which shut the catholic peers out of parliament. 30 Car. II., stat. 2, 1679, is the declaration subscribed by members of both houses of parliament on taking their seat, that there is no transubstantiation of the elements in the Lord's supper, and that the invocation of saints, as practised in the church of Rome, is idolatrous. Unfortunately for the catholics of Ireland, the war which followed the revolution in 1688, gave rise to a severe policy towards the catholics, which placed them almost entirely beyond the reach of any alleviating measures, so that at the end of the 17th century, the Irish or Anglo-Irish catholics could hardly possess above one-sixth or one-seventh of the kingdom. The victorious party saw no security but in a system of oppression, contained in a series of laws during the reigns of William and Anne.

One of the most remarkable acts of parliament passed during the year 1700, was that against the catholics, which enacted that all persons reared in that belief, or suspected of being papists, and succeeding to any estate ere they had attained the age of 18, should be compelled to take the oath of allegiance and supremacy, and the test as soon as they had attained that age; and until they did so, the estate was to devolve

to the next of kin, being a protestant, but was to revert back after they had taken the oaths. The same bill banished all catholic priests, condemning them to perpetual imprisonment in the event of their returning from beyond the sea; a reward of £100 was also offered to any one discovering a priest, so as to convict him.

This state of things was too grievous to remain long without some redress. In May, 1778, Sir George Saville made a motion for the repeal of some penalties enacted against the catholics. In 1790, a body of catholics formally protested against the temporal power of the pope, and against his assumed authority to release men from their civil obligations, or dispense with the sacredness of oaths. Mr. Millford brought forward a bill to relieve those protesting catholics from the penalties and disabilities to which persons professing the popish religion were by law subject. The bill passed unanimously. In the session for 1792, the government made some additional concessions to the catholics, by which all legal obstructions to their intermarriages with protestants were removed.

In March 1793, a bill of relief was brought into the House of Commons, enabling the Catholics to exercise and enjoy all civil and military offices and places of trust or profit under the crown; but that it should not be construed to extend to enable any Roman Catholic to sit or vote in either house of Parliament, or to fill the office of lord-lieutenant, or lord-chancellor, or judge in either of the three courts of record or admiralty, or keeper of the privy-seal, secretary of state, lieutenant, or *custos rotulorum* of counties, or privy-councillor, or master in chancery, or a general on the staff, or sheriff, or sub-sheriff of any county, with a number of other disqualifications. The bill, at length, modified with these restrictions, passed.

Early in 1800, the great measure of a legislative union with Ireland was carried into effect, which renewed the application for redress. In 1803, a bill was passed to relieve the Roman Catholics from some of the penalties and disabilities to which they were then subject, on subscribing the declaration and oath contained in the act of the 31st of George II. But much more effectual measures were contemplated, when, on the 5th of March, 1807, a bill was

brought into the House of Commons by Lord Howick, which, without having for its object what was called the emancipation of the catholics, was adapted to afford them great satisfaction, and was doubtless intended as the precursor of a system of a yet more enlarged toleration. But his majesty George III. having maturely considered the nature and extent of the bill, regarded it as contrary to the obligations of his coronation oath, and the principles of the British constitution, and it was abandoned.

Notwithstanding this abortive attempt, however, some further efforts were again made by the friends of catholic emancipation, during the years 1813 and 1817, to bring their case before parliament. This period is rendered remarkable by its giving occasion to the last exertion of the celebrated Mr. Grattan on behalf of his country, who, after a long period devoted to its service in the parliament of Ireland, resolved to proceed to London, to bring, once more, the claims of his countrymen before the imperial parliament; but he died, on his arrival in the British metropolis, June 4, 1820. In Mr. Plunkett, however, his country found an able and worthy successor: and, on Feb. 28, 1821, the latter was entrusted with a petition, bearing the signatures of some thousands of Irish catholics, praying that their case might receive the attention of the legislature.

1823. Lord Nugent brought in a measure for placing English catholics on an equal footing with those of Ireland, by giving them the elective franchise, and admitting them to hold certain offices. This concession being supported by Mr. Peel, passed the commons without much difficulty; but it was not introduced into the lords.

March 1, 1825. Sir Francis Burdett presented the general petition of the Roman Catholics of Ireland, and moved the appointment of a committee, to consider the state of the laws affecting the Roman Catholics. This was followed by a series of resolutions, the object of which was, the repeal or alteration of those oaths and declarations required by certain Acts of Parliament to be made as qualifications for offices, and which relate to opinions merely speculative, not effecting the civil duty of the subject. These resolutions being adopted, a bill founded on them was introduced by Sir Francis Burdett, March 23, and

was read a first time. The bill had made some progress, when, on April 25, the Duke of York rose in the House of Lords, and stated, that he had been requested to present to their lordships the petition of the dean and canons of Windsor, praying that no further concessions should be made to the Roman Catholics. It was on this occasion, that his royal highness, concluded his speech in the following memorable manner:—"These," continued his royal highness, "are the principles to which I will adhere, and which I will maintain and act up to, to the latest moment of my existence, whatever may be my situation of life—So help me God!" On May 10, it was passed in the commons by a majority of 21, but was lost in the lords.

Sir Francis Burdett March 5, 1827, moved the following resolution. "That this house is deeply impressed with the necessity of taking into immediate consideration the laws inflicting penalties on his Majesty's Roman Catholic subjects, with a view of removing them." The motion was lost by a majority of four, the number being, for the motion 272, against it 276.

Lastly, Feb. 5, 1829, as a prelude to the relief bill, was read the king's speech, relating to the consideration of parliament, "whether the removal of those disabilities of the catholics can be effected consistently with the security of the national establishments in church and estate; with the maintenance of the reformed religion established by law, and of the rights and privileges of the bishops and clergy of the realm, and of the churches committed to their charge." Feb. 10, as a preliminary measure, a bill was brought in for the suppression of the catholic association; entitled a bill "for the suppression of dangerous assemblies or societies, in Ireland." It was read a third time and passed, Tuesday, Feb. 24. The royal assent was given by commission on Thursday, March 5, the day on which the relief bill was brought forward in the commons.

The relief bill, with an accompanying measure for the disfranchisement of Irish forty shilling freeholders, was brought up on Tuesday, March 10. On Monday, March 30, Mr. Secretary Peel moved the third reading. At the close of the debate, there appeared, on a division, for the amendment, 142; for the

third reading, 320, majority, 178. The bill then passed with the usual forms. It was brought into the House of Lords Thursday, April 2. The debates on the second reading were protracted during this and the two following days, and on a division, the numbers were, contents, present, 147, proxies, 70, total, 217; non-contents, present, 79, proxies, 33, total, 112; majority in favour of the second reading of the bill, 105. Friday, April 10, having been fixed for the third reading, the merits of the bill came, for the last time, under discussion. When their lordships divided, the numbers were, contents, present, 149, proxies, 64, total, 213; non-contents, present, 76, proxies, 33, total, 109; majority, 104. This important statute received the royal assent on Monday, April 13, and became an operative law on St. George's day, the 23rd of the same month.

It is entitled "An act for the relief of his majesty's Roman Catholic subjects." The principal enacting clauses are, 1. Roman catholics are allowed to sit and vote in parliament, if otherwise duly qualified, upon taking and subscribing, instead of the oaths of allegiance, supremacy, and abjuration, an oath to maintain, support, and defend, the succession to the crown, which stands limited to the Princess Sophia, electress of Hanover, and the heirs of her body, being protestants; hereby utterly renouncing and abjuring any obedience or allegiance unto any other person claiming or pretending a right to the crown of this realm. 2. Roman catholics, being otherwise duly qualified, may vote at the elections of members to serve in parliament, and be elected themselves. 3. Persons professing the Roman catholic religion may, with certain exceptions, hold and exercise all civil and military offices, and places of trust or profit, and any other franchise or civil right, upon taking the above mentioned oath, instead of the oaths and declarations before administered. 4. Roman catholics may, under certain restrictions, be members of any lay body corporate, or hold any office, or place of trust therein, upon taking and subscribing the oath above mentioned, instead of the aforesaid oaths and declarations.

The following statement may afford a tolerable fair criterion of the feeling of the House of Commons on this important measure. Out of 656 members, 378

voted for the measure, 196 against it, and 82 were neuter. Of the 378, 293 had been generally advocates for it, 68 had previously voted against it, and 17 were either new members, or had not voted on the question in that parliament.

CATHOLIC ASSOCIATION. Its first existence in any organized state, though not under that name, may be dated from the year 1757, or 1758, when an associated body was formed, the chief object of which was to concert measures for bringing before the legislature the grievances of the catholics, and to procure them relief. In 1759-60, this body was brought into recognition by the state; for, upon the alarm of the invasion of Conflans, the Roman catholic committee proposed a loyal address, which was presented by John Ponsonby, the speaker. A most gracious answer was returned, and published in the Gazette. In 1792, their committee assumed a formidable aspect. Theobald Wolfe Tone, in his memoirs, gives the following account of what may be called the association of that period:—"The general committee of the catholics, which, since the year 1792, has made a distinguished figure in the politics of Ireland, was a body composed of their bishops, their country gentlemen, and a certain number of merchants and traders, all resident in Dublin, but named by the catholics in the different towns corporate to represent them."

1811. That committee, of which Mr. O'Connell was a member, was made the object of a prosecution by Saurin. Mr. Kirwan and Dr. Sheridan were indicted upon the Irish convention act, for having been elected to sit in the catholic parliament. Upon the first trial the committee were acquitted; but upon the second, the attorney-general succeeded, and the catholic committee, as a representative body elected by the people, and consisting of a certain number of members delegated from each town and country, ceased to exist.

The association, to whose exertions may be referred the measures for relief, rose out of the disappointment of the people. Its foundations were laid by Mr. O'Connell in 1821, in conjunction with Mr. Shiel. The powerful appeals of the former, stirred the mind of Ireland. Lord Killeen threw himself into a zealous co-operation with Mr. O'Connell, and by his abilities aided the impres-

sion which his rank and station were calculated to produce. His example was followed by other noblemen; and Lord Gormanstown, a catholic peer of great fortune and of very ancient descent, although hitherto unused to public life, appeared at the catholic association. Thus the aristocracy was consolidated with the catholic democracy, and Mr. O'Connell began to wield them both, with the power of which new manifestations were every day given.

This association was suppressed by act of parliament passed in 1825, which expired in 1828, when they resumed their sittings; finally suppressed in 1829, as a preliminary step to the passing of the relief bill. See the preceding Article.

CATHOLIC MAJESTY, title of, given to the king of Spain, by the pope, 739.

CATILINE, **LUCIUS SERGIUS**, the Roman conspirator, was descended from the illustrious patrician family of Sergii, at Rome. During the sanguinary administration of Sylla, he was the chief instrument of his cruelties, and headed a band of assassins, who dragged out of the houses and temples, persons whose names were included in the list of proscription, and cruelly murdered them in the presence of the emperor. A.C. 65, he formed a conspiracy with other discontented and turbulent persons for murdering the consuls, Aurelius Cotta, and Manlius Torquatus, together with the greatest part of the senators, and violently seizing the government. This plot, though the execution of it was twice attempted, proved unsuccessful, in consequence of a mistake in the signal, on the part of Catiline; and he was therefore under a necessity of deferring the accomplishment of it to a future period.

With a view to the more easy and certain execution of his plot, he offered himself a candidate for the consulship, and had Cicero for a competitor, but a discovery made to Cicero, had excited suspicions against Catiline, which defeated his election, and favoured that of Cicero, his avowed adversary, A. U. C. 691. Catiline, enraged by the success of his rival, prepared for another rebellion. He led an army into Transalpine Gaul, but was defeated and slain. Thus the Catiline conspiracy, which was detected by Cicero, in October, and announced in the senate, was terminated in December, A.C. 63.

CATO THE CENSOR, was born at Tusculum, A.U.C. 519, A.C. 235. He was elected consul, A.C. 196, in connection with his friend Valerius Flaccus, and the Hither Spain was assigned to him as his province. About ten years after his consulate, he offered himself as a candidate for the office of censor; but the known severity of his character alarmed the nobles, and they set up seven competitors against him; however the people persisted in the choice of Cato, and they nominated as his associate his consular colleague, Valerius Flaccus.

Cato was the occasion of the third Punic war. Being despatched to Africa, to terminate a difference between the Carthaginians and the king of Numidia, on his return to Rome, he reported that Carthage was grown excessively rich and populous, and he warmly exhorted the senate to destroy a city and republic, during the existence of which Rome could never be safe. See **CARTHAGE**. He died A.U.C. 605, A.C. 149, aged 86.

CATO OF UTICA, so called from the place of his death, was grandson to Cato the Censor, and was born about A.C. 94. In the disputes which took place between Cæsar and Pompey, at the commencement of the civil war, A.C. 50, he was indefatigable in his attempts to reconcile these two great men; but finding it in vain, he espoused the cause of the latter. When Pompey was slain he fled to Utica, being pursued by Cæsar, advised his friends to be gone, and throw themselves on Cæsar's clemency. When he perceived that he must inevitably fall into Cæsar's hands, he determined to resort to the Roman's final remedy, self-destruction; and, notwithstanding all the persuasions and intreaties of his son and attendants, commanded his sword to be brought to him. After reading Plato's Dialogue on the Immortality of the Soul, he stabbed himself under the left breast. The wound, however, was not fatal, and the physician endeavoured to sew it up, but Cato, on recovering his senses, tore it open, and immediately expired, A.C. 46, in the 48th year of his age.

CATO STREET CONSPIRACY, discovered February 23, 1820. Lord Harrowby received a secret communication, that a gang of assassins were to assassi-

nate his lordship and the rest of the cabinet ministers, when assembled at his house, on the evening of that day, at a cabinet dinner. The place of rendezvous of the assassins was in Cato-Street, John-street, in the Edgware-road. Thus accurately informed of the intentions of the conspirators, warrants were issued to apprehend them while they were assembled. These warrants were put into the hands of the police-officers, under the able direction of Richard Birnie, esq., the chief magistrate of Bow-street. A detachment of the Coldstream guards from Portman-street barracks were also ordered to accompany the police officers. Unfortunately, the darkness favoured the escape of many of the wretches, and after a dreadful skirmish, they succeeded in the capture of only nine of them. They were soon afterwards brought to trial on a charge of high treason. Thistlewood, Davidson, Ings, Brunt, and Tidd, being considered as ringleaders, were sentenced to death, and, on May 1, paid the forfeit of their crimes, in front of Newgate, by hanging and decapitation. The remainder of the prisoners were transported.

CATOPTRICS, the science of reflex vision. The earliest work that has reached us, is ascribed both by Proclus and Marinus to Euclid the geometrician, about A.C. 300; but it is suspected to be the work of some other person. This piece was published in Latin by John Pena, in 1604; it is also included in Herigon's Mathematics, and in Gregory's edition of the works of Euclid, printed at Oxford, in 1703. This subject was treated on by Alhazen, an Arabian astronomer, in 1100; and by Vitellio, a learned Pole, about the year 1270.

CAT'S ISLE, one of the Bahamas, first discovered by Columbus, 1492.

CATSKILL MOUNTAINS, North America, and the woods intervening between Ulster and Sullivan counties, took fire, May, 1816.

CATTLE. According to the first Report of the Committee of the House of Commons, on Waste Lands, in 1795, cattle and sheep had, at an average, increased in size and weight, about a fourth since 1732. The number of head of cattle, sheep, and lambs, sold in Smithfield market, each year, from 1732 to 1832, has been as follows:—

Years.	Cattle.	Sheep.	Years.	Cattle.	Sheep.
1732	76,210	514,700	1783	101,840	701,610
1733	80,169	555,050	1784	98,143	616,110
1734	78,810	566,910	1785	99,047	641,470
1735	83,894	590,970	1786	92,270	665,910
1736	87,606	587,420	1787	94,946	668,570
1737	89,862	607,330	1788	92,829	679,100
1738	87,010	589,470	1789	93,269	693,700
1739	86,787	568,980	1790	103,708	749,660
1740	84,810	501,020	1791	101,164	740,360
1741	77,714	536,180	1792	107,348	760,859
1742	79,601	503,260	1793	116,848	728,480
1743	76,475	468,120	1794	109,448	719,420
1744	76,648	490,620	1795	131,092	745,640
1745	74,188	563,990	1796	117,152	758,840
1746	71,582	620,790	1797	108,377	693,510
1747	71,150	621,780	1798	107,470	753,010
1748	67,681	610,060	1799	122,986	834,400
1749	72,706	624,220	1800	125,073	842,210
1750	70,765	656,340	1801	134,546	760,560
1751	69,589	631,890	1802	126,389	743,470
1752	73,708	642,100	1803	117,551	787,430
1753	75,252	648,440	1804	113,019	903,940
1754	70,437	631,350	1805	125,043	912,410
1755	74,290	647,100	1806	120,250	858,570
1756	77,257	624,710	1807	134,326	924,030
1757	82,612	574,960	1808	144,042	1,015,280
1758	84,252	550,930	1809	137,600	989,250
1759	86,439	582,260	1810	132,155	962,750
1760	88,594	622,210	1811	125,012	966,400
1761	82,514	666,010	1812	133,854	953,630
1762	102,831	772,160	1813	137,770	891,240
1763	80,857	653,110	1814	135,071	870,880
1764	75,168	556,360	1815	124,948	962,840
1765	81,630	537,000	1816	120,439	968,560
1766	75,534	574,790	1817	129,888	1,044,710
1767	77,324	574,050	1818	138,047	963,250
1768	79,660	626,170	1819	135,226	949,900
1769	82,131	642,910	1820	132,933	947,990
1770	86,890	649,090	1821	129,125	1,107,230
1771	93,573	631,860	1822	142,043	1,340,160
1772	89,503	609,540	1823	149,552	1,264,920
1773	90,133	609,740	1824	163,615	1,239,720
1774	90,419	585,290	1825	156,985	1,130,310
1775	93,581	623,950	1826	143,460	1,270,530
1776	98,372	671,700	1827	138,363	1,335,100
1777	93,714	714,870	1828	147,698	1,288,460
1778	97,360	658,540	1829	158,313	1,240,300
1779	79,352	676,540	1830	159,907	1,287,070
1780	102,383	706,850	1831	148,168	1,189,010
1781	102,543	743,330	1832	166,224	1,364,160
1782	101,176	728,790			

Exclusive of the cattle raised in Great Britain, we import considerable supplies of live cattle from Ireland.

Account of the number of Cows and Oxen imported into Great Britain from Ireland, from 1801 to 1825.

Years.	Cows and Oxen.	Years.	Cows and Oxen.	Years.	Cows and Oxen.
	No.		No.		No.
1801	31,543	1810	44,553	1818	58,165
1802	42,501	1811	67,680	1819	52,176
1803	28,016	1812	79,122	1820	39,014
1804	15,646	1813	48,973	1821	26,725
1805	21,862	1814	16,435	1822	34,659
1806	27,704	1815	33,809	1823	46,351
1807	26,252	1816	31,752	1824	62,314
1808	13,958	1817	45,301	1825	63,519
1809	17,917				

In 1825, the trade between Great Britain and Ireland was placed on the footing of a coasting trade, so that there are no means of continuing this account to a later date.

CATTLE MARKET, Islington. The necessity of driving cattle and sheep through the crowded streets of London, to and from Smithfield, having been long complained of as a nuisance, led to this erection about 1834. A square containing an area of nearly 15 acres, abutting on the Lower Road, Islington, near to the Ball's Pond turnpike gate, has been enclosed by a substantial brick wall, about 10ft. in height, between which sheds have been erected on all the four sides, each of which is 800 feet long, and the space of the roofing to the sheds is 25 feet. The market is calculated to accommodate upwards of 10,000 oxen, and 40,000 sheep. The principal entrance is from the Islington Lower Road, by an arched gateway and two minor arched footways, through the centre of a building which contains offices for the receiving and delivering clerks, &c., and is placed in the middle of the west side of the market, and about 60 yards in from the road.

CATULLUS, **CAIUS VALERIUS**, an eminent Latin poet, born at Verona, A.U.C. 668, A.C. 86. He formed an intimate acquaintance with Cicero, Cinna, and Plancus, to whom he recommended himself by his wit and gaiety, and by the beauty of his poetical compositions. He was much attached to a mistress, whom he has rendered immortal by the name of Lesbia, though her real name was Clodia. The Eusebian Chronicle has placed his death, A.C. 58, and Blair's

tables A.C. 40. Joseph Scaliger extends his life to 71 years, and consequently refers his death to A.C. 15. The rank of one of the principal Latin poets is assigned to Catullus by Ovid, who places him on a parallel with Virgil. The most approved editions of Catullus are those of Vossius, 1684, 4to. with a commentary, and Utr. 1691; of Vulpius, Patava, 1710, 4to. with annotations and an index; of Corradini, Venet. 1738; the "Variorum," by Grævius, with the poems of Tibullus and Propertius, Utr. 1680; and Mattaire's, in 1715, 12mo., and in the Corpus Poetarum, with Tibullus and Propertius, Lond. 1713, fol.

CATWORTH, Huntingdonshire, materially injured by fire, Aug. 3, 1753.

CAUCASUS, the name of the highest and most extensive range of mountains in the northern part of Asia. The ancients erroneously considered this range as a continuation of Mount Taurus. The inhabitants were very numerous, and formed, as some say, 70, and according to others, 300 different nations, who spoke various languages. The most elevated mountain (Snowy Mountain) on the eastern side, west of the Cuban, was first ascended by an European traveller, in 1810. All the regions on and about the Caucasus are comprehended under the name of the Caucasian countries. Since the peace concluded between Russia and Persia in 1813, they have belonged to the Russian empire.

CAULIFLOWERS, first planted in England in 1603.

CAUTIONARY towns of the Dutch, pawned to Queen Elizabeth 1585, restored in 1616.

CAVALLERI, or Cavallerius Bona-

ventura, an eminent Italian mathematician, born at Milan in 1598, and entered at an early age into the order of Jesuates or Hieronymites. At the university at Pisa, he applied to the study of geometry, where he made great progress, and acquired an accurate acquaintance with the ancient geometers. Soon after this period he invented his method of indivisibles. In 1629 he communicated to some ingenious persons and to the magistrates of Bologna, his treatise on the subject, and another on the conic sections; and thus he obtained the honour of succeeding Maginus as professor in the university, in that year. In 1652 he published a treatise on conic sections and a system of trigonometry. The last of his works was entitled "Exercitationes Geometricæ sex." He died in 1647.

CAVALLO, TIBERIUS, an eminent natural philosopher, born 1749. Made experiments on inflammable air about 1777, &c. Invented a new atmospheric trigonometrer. He died 1809.

CAVALRY. In the states of Greece, if we except Thessaly, their cavalry formed but an inconsiderable proportion of their forces. The Thessalians were dexterous horsemen, and carried the discipline and arms both offensive and defensive of their cavalry to great perfection. The other parts of Greece imitated them. And from the Greeks, the Romans borrowed the arms and armour for their cavalry, who, Polybius expressly informs us in his sixth book, were, in his time, armed exactly as those of the Greeks.

The Franks, before they conquered Gaul, had but very little cavalry; the Gallic cavalry possessed much reputation; Clovis, at the battle of Tolbiac, fought at the head of his cavalry, and in 537, Theodebert carried some with him on his expedition into Italy. At the battle of Tours, in 732, the French army consisted of 60,000 foot, and 12,000 horse. Under Pepin, in 768, the number of their cavalry was augmented. Under Charlemagne its number almost equalled that of their infantry.

Towards the end of the second race of French monarchs, and the beginning of the third, their armies were almost entirely composed of cavalry, the defence of their country being left in a great measure solely to the noblesse, who would not serve but on horseback.

They, accordingly, formed a corps of cavalry or horse, to which the name of Gendarmerie was given. Louis le Gros, having established communities, formed from that militia, in 1108, some light horse. But there was no regular formation or establishment of cavalry in France before the time of Charles VII. in 1445.

The order of precedence among the British cavalry is the following. First, the life-guards; secondly, the horse-guards; thirdly, the dragoon-guards; fourthly, the dragoons; and lastly, the light-dragoons. The first troop of horse in our service was raised in 1660. The first regiment of dragoons was raised in 1681. Light horse were first raised in 1757.

CAVE, EDWARD, the compiler of the first periodical magazine, born 1691, died 1754.

CAVE, Dr. WILLIAM, a learned English divine, born in 1637, and educated at St. John's college, Cambridge. He became chaplain to Charles II., and in 1684, was installed a canon of Windsor. He compiled the Lives of the Primitive Fathers in the three first centuries of the church. Dr. Cave died in 1713.

CAVENDISH, or CANDISH, THOMAS, an eminent navigator and naval adventurer in the reign of Queen Elizabeth, son of William Cavendish, Esq., of Trimley St. Martin, in Suffolk, where he was born, and whose estate he inherited. Having consumed his property by early extravagance, he determined to retrieve his affairs by a predatory voyage against the settlements of the Spaniards; his fleet consisted only of three vessels of 120, 60, and 40 tons, manned with 123 persons of various qualities. He sailed from Plymouth, July 21, 1586. Having reached the South Sea, he succeeded in burning Paia, Acapulco, and some other settlements, in taking and destroying several ships, and ravaging the coasts of Chili, Peru, and New Spain. At length, being off California in November 1587, he performed the extraordinary exploit of capturing, with a force much reduced, the Spanish admiral's ship of 700 tons, well manned and richly laden. He crossed the South Sea with one of his two small vessels, the others being destroyed, to the Ladrones in 45 days, and arrived at Plymouth, after having circumnavigated the globe in two years, one month, and nineteen days, the

most period in which it had then been effected

He planned another expedition, and set sail August 26, 1591, with three tall ships and two barks, suitably equipped. This adventure was attended with various disasters, which disconcerted and defeated his projects. Sickness and chagrin at length terminated his life, probably whilst he was at sea on his way to England.

From the relations we have of this navigator, he seems to have possessed great perseverance, with a true enterprising spirit, but not sufficiently under the control of prudence."

CAVENDISH, WILLIAM, duke of Newcastle, a distinguished leader of the king's party in the civil wars of Charles I. the son of Sir Charles Cavendish, younger brother of the first earl of Devonshire, born in 1592, and educated by his father. James I. made him when very young, a knight of the bath; he was raised to the peerage in 1620, by the title of Baron Ogle, and Viscount Mansfield. By Charles I. who honoured him with his favour, he was advanced to the higher title of earl of Newcastle-upon-Tyne. The honourable trust was committed to him in 1638, of the tutelage of the prince of Wales, afterwards Charles II. He resigned this honour in 1640.

His attachment to the royal cause was unabated. In 1642, he took upon himself, in consequence of the king's order, the care of the town of Newcastle and the four adjacent counties; and was invested with a commission, constituting him general of all his majesty's forces raised north of Trent, with very ample powers. He levied a considerable army, with which, for some time, he maintained the superiority of the king's cause in the north, but afterwards despairing of that cause, he left the kingdom, to which he did not return till the restoration. Antwerp was the place of his residence, where he suffered with equanimity and resolution, much pecuniary distress.

After an absence of 18 years, he returned with his royal master, who, in 1664, conferred upon him the dignity of a dukedom. He died December 25, 1676, in his 84th year, and was buried together with his duchess, in Westminster Abbey, where a very sumptuous monument is erected to their memories. The duke of Newcastle ranks among the noble authors of this country. His great work is a book on horsemanship, first published

in French at Antwerp, in 1658, and afterwards in a somewhat different form in English, 1667.

CAVERLEY, SIR HUGH, the first person who used guns for the service of England, died 1389.

CAXTON, WILLIAM, who according to some writers, first introduced the art of printing into England, or who, according to others, improved and perfected it by the use of fusile types, born at the beginning of the fifteenth century. In 1439, he was apprenticed in London. By his long residence in the Low Countries, he became acquainted with the new invention of printing; and having provided himself with presses, types, and all other printing materials, he came over to England in 1472, and in a printing room at the entrance of Westminster Abbey, he produced in 1474, the first book that was ever printed in this country. Caxton died in 1491, and was buried in St. Margaret's church, Westminster.

CAYENNE ISLE, South America, in French Guiana, settled by the French in 1635, and abandoned in 1654, when the English took possession of it, but were compelled to leave it in 1664. The Dutch succeeded in taking it in 1676, but it was recovered in 1677, by the French. This island capitulated to the British in 1809; but was surrendered to France at the peace of Paris in 1814.

CAYLUS, ANN-CLAUDE PHILIP, COUNT, an illustrious amateur of the arts, descended from one of the most noble families in France, born at Paris in 1692. Having entered at an early age into the military service, he distinguished himself in Calabria in 1711, and at the siege of Fribourg in 1713.

In 1715, he joined the train of the French ambassador to the Porte, and visited the ruins of many places in Asia Minor and Greece, and returned to France in 1717, with a rich collection of drawings and descriptions. In 1731, he was admitted a member of the academy of painting and sculpture. In 1742, he was appointed one of the honorary members of the academy of inscriptions and belles lettres. By his various labours he acquired a reputation which extended throughout Europe. He died at Paris in 1765, aged 73 years. His principal work is a "Collection of Egyptian, Etruscan, Greek, Roman, and Gaulish Antiquities," 7 vols. 4to., of which the last appeared in 1767.

CEAULIN, king of Wessex, seized the kingdom of Sussex in 590. He was defeated and dethroned by Ceolric, in the battle of Wanborough, Wiltshire, in 592.

CECIL, WILLIAM, LORD BURLEIGH, See **BURLEIGH**.

CECIL, ROBERT, earl of Salisbury, was the second son of the former, born about the year 1550. He began his political career as assistant to the earl of Derby, ambassador at the court of France, and in 1596, was appointed by Queen Elizabeth, second secretary of state with Sir Francis Walsingham; and when that minister died, he became principal secretary. He was continued as prime minister at the accession of James, who advanced him to the peerage; created him baron of Essenden in 1603, Viscount Cranbourn in 1604, and earl of Salisbury in 1605. He was chosen, in 1608, as the fittest person to succeed the lord high treasurer, the earl of Dorset, at his death. His life terminated by a decline, in 1612.

CECILIA, Sr., a noble Roman lady of distinguished piety, who, from her infancy, had been bred in the Christian faith. She is supposed to have been born in the reign of the emperor M. Aurelius Antoninus, and to have suffered martyrdom in that of Septimius Severus, in the beginning of the third century. The first notice of her as a saint was by Bede, in his "Ecclesiastical History," who mentions her church at Rome, as the place where Vilbrord was ordained pope in 696.

A great festival was held at Rome in 1599, during the pontificate of Clement VIII., for the finding of the body of St. Cecilia among other relics. The earliest notice of her as the titular saint and protectress of music seems to have been in the works of the great painters of the Italian school. Her birth day just began to be celebrated by assemblies of musicians, about the latter end of the 17th century, when there was a rage among the votaries of music for celebrating the birth day of this saint, not only in London, but in all the considerable cities and provincial towns in the kingdom where music was cultivated.

The first composition expressly produced for a music meeting in England on St. Cecilia's day, was called "a musical entertainment performed Nov. 22, 1683, on St. Cecilia's day, printed in

score by John Playford, with a dedication to the gentlemen of the musical society, and particularly the stewards, written by Henry Purcell, composer of the music."

CECROPS arrived in Attica, with a colony of Saïtes, from Egypt, and founded the kingdom of Athens, 780 years before the first Olympiad, A. C. 1556.

CELEBES, a large island in the eastern seas, separated from Borneo by the straits of Macassar. It was first visited by the Portuguese in 1512, when they found but few Mahomedans. The faith of Mahomed was first introduced there by Khatib Tungal, about 1603. The Portuguese were expelled by the Dutch in 1660.

In 1811, the Dutch authority in Celebes was transferred to the British by a conquest and capitulation with the French governor-general of the Dutch colonies in India; but on the return of tranquillity the British authorities quitted Celebes, and in 1816 it was once more restored to the Dutch. In 1820, the civilized inhabitants of Celebes consisted of five distinct nations, viz., the Buggesses, the Macassars, the Mandars, the Kaili, and the Manado.

CELERY first introduced at table in England by Count Tallard, during his captivity after the battle of Malplaquet, in 1709.

CELESTIAL OBSERVATIONS of the Chaldeans began at Babylon, A. C. 2234; according to the register sent by Calisthenes to Aristotle, A. C. 2331; containing the astitial phenomena of 1903 years.

CELESTIAL SPHERE, first seen in Greece; brought from Egypt, A. C. 368.

CELESTINES, an order of nuns, reformed from the Bernardines in 1224, by Pope Celestine V., established in 1264, by Pope Urban IV., and confirmed by Gregory X., in 1274.

CELIBACY was much discouraged among the ancients. The Spartans who lived in celibacy were subject to many humiliations. The Romans used all means imaginable to discourage it. But the first law against it, was that enacted under Augustus, A. U. C. 762, called "Lex Julia de maritandis ordinibus." By this law many prerogatives were given to persons who had many children; and penalties imposed on those who lived a single life.

The celibate of the clergy among the Romanists, is of ancient standing.

It was first proposed by the council of Nice, but without passing; it was, however, in some measure, admitted, by the western councils of Elvira, Arles, Tours, &c., and enjoined by the thirty-third canon of the council of Elvira, held about the year 300, though it does not appear that it was either generally or rigorously observed.

In the year 340, it was decreed in the council of Arles, that no man incumbered with a wife, should be admitted into holy orders. Syricius issued a decree in 385, obliging all priests and deacons to observe celibacy. In 441, the council of Orange ordered those to be deposed who did not abstain from their wives; and Leo the Great, about 442, extended the law of celibacy, to deacons and presbyters. Gregory the Great, in 591, first brought ecclesiastics to admit the celibate as a law.

In Britain the celibacy of the clergy does not seem to have commenced till the arrival of Austin in the sixth century. About the middle of the tenth century, in the reign of Edred, who surrendered himself to the guidance of Dunstan, the Benedictines made a merit of the most inviolable chastity; their principles and practices were greedily embraced and promoted by the policy of the court of Rome.

1107. During the reign of Henry I., a synod was held at Westminster, which enjoined the celibacy of priests; and which enacted, that even laymen should not marry within the seventh degree of affinity. Another synod was convened at London in 1129, under the pontificate of Honorius, at which presided William, archbishop of Canterbury, with the character of the pope's legate, and where all the bishops of the kingdom were present; enforcing the observance of the canons issued by other councils concerning the celibacy of the clergy; and such of them as still kept concubines, for so their wives were called, were strictly enjoined to put them away before St. Andrew's day next following.

CELLARIUS, CHRISTOPHER, was born at Smalcald, in 1638, and having studied at various German universities, was invited at the age of 30, to teach moral philosophy and the Oriental languages at the college of Weissenfels. In 1673, he became rector of the college of Weimar, and afterwards occupied the same post at Zerts and Mersburg. He

died at Halle in 1707, in his 69th year. His principal work is "Notitia orbis antiqui," two vols. 4to., 1701, 1706, 1731. This is acknowledged to be the best work on ancient geography extant, and brings it down to the time of Constantine.

CELSUS, an Epicurean philosopher, and an early adversary of Christianity, born towards the close of the reign of Adrian, who died A. D. 139; he is placed by Dr. Lardner in 176, not far from the reign of Marcus Antoninus. The book which he wrote against the Christians, was entitled "The True Word." Of this work we have no other remains than the quotations made by Origen in his refutation of it. The answer of Origen was written about the year 246, and according to others 249. Celsus also wrote a piece "On the life to be led by those who meant to follow the rules of philosophy;" and another "Against Magic" is ascribed to him both by Origen and Lucian.

CELSUS, A. CORNELIUS, a celebrated ancient physician, a Roman by birth, probably of the Cornelian family. He was born in the latter part of the reign of Augustus Cæsar, and was living in the time of Caligula. The work by which he has been rendered famous is entitled "De Medicina Libri Octo." The great number of editions this book has passed through, sufficiently indicate the high esteem in which it is held. One of the best is Almeloveen's, edited at Padua, 1722, 8vo., by Vulpius, and reprinted in 1750.

CELTS, or CELTÆ, a people who in the earliest ages inhabited the western parts of Europe, particularly Gaul and Britain, but were afterwards chiefly confined to a country called Gallica Celtica, situated between the Seine, the Marne, and the Garonne.

The origin of this people is to be traced to about the fifth century before Christ, where they existed in the neighbourhood of the Pyrenees, from whence they were driven by the Goths and the Aquitani, into that part of Gaul which they occupied in the time of Cæsar. This people have often been confounded with the Scythians or Goths, but after many contentions on the point, it is now generally admitted that they are a distinct nation. It is supposed that the inhabitants of the Highlands of Scot-

land, the Welsh, and some of the Irish tribes, are the remains of the ancient Celts.

CEMENT. The ruins of the ancient Roman buildings are found to cohere so strongly, that it has been generally imagined the ancients were acquainted with some kind of mortar totally unknown to us, the discovery of which has been long and anxiously attempted.

1770. M. Lorient, a Frenchman, pretended to have discovered the secret of the ancient cement, which, according to him, was no more than a mixture of powdered quicklime with lime which had been long slaked and kept under water. But the invention of this cement did not succeed to the degree the inventor expected. Dr. Higgins in 1779, procured a patent for a water cement of his own invention, which, he says, when set, exceeds Portland stone in hardness. But the care and expense necessary in the preparation, render it inapplicable to common purposes.

It was not till the invention of Parker's Roman cement, in 1813, that this desideratum in building was discovered. This composition is made from septaria, or balls, which are found in various parts of the strata of London clay, and were supposed to be peculiar to it; but similar balls of argillaceous limestone, divided by seams of calcareous spar, occur also in other strata, and are equally useful in the preparation of cement.

CEMETERY. In the early ages, the Christians held their assemblies in the cemeteries. Valerian in the third century confiscated the cemeteries and the places destined for divine worship, which were restored again to the Christians by Gallienus about 400. Public cemeteries have been recently established in the neighbourhood of the metropolis at Kensal Green, Edgware, in 1832; Norwood, 1838; Highgate, 1839; Stoke Newington 1840, and in various parts of the country.

CENIS, MOUNT, a branch belonging to the Alps, stated to be 8610 feet above the level of the sea. It is famous for the road which leads over it from Savoy to Piedmont. During the reign of Buonaparte, at the commencement of this century, he employed his soldiers in clearing away the snow from the roads in the passage over Mount Cenis, thus making it safely passable, even in winter.

CENOLE, thirteenth king of the Mercians, and eighteenth monarch of England, began to reign 795. He conquered

Kent, and gave that kingdom to Cudred 798. He died in 819, and was buried at Winchcomb.

CENRED, eighth king of Mercia, and thirteenth monarch of England, began his reign in 795. Reigned four years and then became a monk.

CENSOR, one of the prime magistrates in ancient Rome, whose business was to survey and rate the people, and to inspect and correct their manners. There were two censors first created A. U. C. 311. A law was made A. U. C. 414, when Publilius Philo was dictator, appointing one of the censors to be always elected out of the plebeians, which held in force till A. U. C. 622, when both censors were chosen from among the people, viz., Q. Cæcilius Metellus, surnamed Macedonicus, and Q. Pompeius, after which time, it was shared between the senate and the people.

The power of the censors continued unimpaired to the tribuneship of Clodius, A. U. C. 695, who procured a law to be enacted, ordering that no senator should be degraded by the censors, unless he had been formally accused and condemned by both censors; but this law was abrogated, and the powers of the censorship restored soon after by Q. Metellus Scipio, A. U. C. 702. The office continued to the time of the emperors, who assumed the authority of it to themselves. The last censors were Paulus and Plancus, under Augustus.

CENSUS, among the Romans, was an authentic declaration made upon oath by the several subjects of the empire, of their respective names, and places of abode, before proper magistrates in the city of Rome, called censors. It was instituted by king Servius Tullius, about A. C. 600, to be held every five years; and this prince took the census four times during his reign. The census was taken anciently in the Forum; but after the year 320, in the Villa Publica, which was a place in the Campus Martius. Censuses were taken at Rome, A. C. 566, 507, 387, 294, 279, 265, 247, 220, 192, 179, 169, 164, 85, 29.

CENSUS OF THE POPULATION OF GREAT BRITAIN. This is taken every ten years.

The census of 1801 was limited to the following objects:—1. The number of individual inhabitants in each parish, distinguishing males from females. 2. The number of inhabited houses, and

the number of families inhabiting the same in each parish. 3. The number of uninhabited houses. 4. A classification of the employment of individuals into the great divisions of agriculture, trade, manufactures, and handicraft, and a specification of the numbers not included in either of those divisions. 5. The number of persons serving in the regular army, the militia, and the embodied local militia.

The census of 1811, embraced all the points which formed subjects of inquiry in 1801, with the exception of the fourth in the above list, which had signally failed; and for that inquiry, which was intended to show the calling or occupation of each individual, questions were substituted in 1811, in order to ascertain this matter, with regard to the number of families; the females, children, and servants being held to follow the calling of the head of the family.

The census of 1821, was made to embrace all the points included in the inquiries of 1811, and with the same modifications, but in addition to those points, it was sought to ascertain the ages of all persons living within the United Kingdom, distinguishing in Great Britain males from females, and dividing both sexes into classes according to their ages, as follows, viz.—

Males and females respectively under 5 years of age.

Between	5 and	10 years.
„	10 „	15 „
„	15 „	20 „
„	20 „	30 „
„	30 „	40 „
„	40 „	50 „
„	50 „	60 „
„	60 „	70 „
„	70 „	80 „
„	80 „	90 „
„	90 „	100 „

100 years of age and upwards.

This additional inquiry was so far successfully carried through, that the ages of 92 out of every 100 persons living were ascertained.

The census of 1831, did not embrace the same inquiries in regard to ages as were obtained in 1821. The other heads of enquiry were continued at the enumeration of 1831, with certain additions, all of which applied to males twenty years old and upwards, with the exception of the enumeration of male servants under that age, and of

female servants of all ages above and below twenty years.

The persons appointed to conduct the actual enumerations were, in England and Wales, the overseers of the poor; in Scotland, the official schoolmasters of each parish, an institution peculiar to Scotland, which has existed in full vigour since the year 1696. Hitherto, the execution of each census in the United Kingdom has been more satisfactory than the execution of that by which it was preceded, giving reasonable ground of hope that the task, when performed in 1841, will exhibit a still nearer approach to perfection. See POPULATION.

CENTAURS, a kind of fabulous monsters, half men, half horses, mentioned in ancient mythology. The centaurs, in reality, were a tribe of Lapithæ, who inhabited the city of Petethronum, adjoining to Mount Pelion, and first invented the art of breaking horses; as is intimated by Virgil. Upon the chest of Cypselides, mentioned by Pausanias, and upon which characters were written in the year A.C. 778, in the boustrophedon form, the centaur Chiron appears half man and half horse, but represented as a man sustained upon two human legs and feet, with the croup-flanks and two hinder legs of a horse attached to his loins.

CENTURION, a military officer among the Romans, generally defined to have been one who commanded a hundred men. But this is a very erroneous definition. For when the Roman state was in its greatest vigour and perfection, which it was about the time of Hannibal's invasion of Italy, the two centurions in a maniple or company of the hastati or principes commanded twice as many men as the two centurions in the maniple of the triarii; as a maniple of each of the former then contained 120 men, whereas a maniple of the latter consisted only of 60. The legion then consisted commonly of 4,200 foot, and 300 horse. Of these 4,200 infantry, 600 were triarii, 1,200 were hastati, 1,200 were principes, and the remainder were velites or light troops. Anciently, and before the war of Hannibal, it was the constant custom of the Romans to raise four legions annually, and to allow to each legion 4,000 foot, and 200 horse.

Towards the time of Julius Cæsar, and

the close of the mixed government of the Romans, the number of men commanded respectively by a centurion in the hastati, or principes, and by a centurion in the triarii, were in a ratio that frequently varied. During the same period there were, in every legion, sixty centurions, or commanders of companies, or maniples, sixty officers chosen by them to take charge of the rear of the companies, who might be denominated sub-centurions or sub-captains, and sixty standard-bearers or ensigns, who were appointed by the captains or centurions.

CENTURY, in its more general meaning, signifies any thing consisting of a hundred parts. The Roman people when they were assembled for the electing of magistrates, or deliberating upon any public affair, always voted by centuries. In chronology, century implies a period of 100 years. This method of computing by centuries is generally observed in ecclesiastical history commencing from the time of our Saviour's incarnation.

CEOLRED, son of Ethelred, ninth king of the Mercians, and fourteenth monarch of England, in 709. He was killed in battle with Ina, king of the West Saxons, after a reign of seven years, 716. He died without children, and was buried at Litchfield.

CEPHALONIA, the largest of the islands composing the Ionian republic. The early history of the island is involved in fable. It derived its name from Cephalus, an Athenian prince. Before the Trojan war the Cephalonites took part in the war occasioned by the inhabitants of Epidamnus, between the Corinthians and Corcyreans. Cephalonia possessed its liberty long after the downfall of Athens, Corinth, Sparta, and the other celebrated republics of Greece, but was finally subdued by the Romans.

Cephalonia continued as a province of the Roman empire until A.D. 364, when it passed under the yoke of the emperors of the east, who continued masters of it until 982, when the Lombards, a people of Pannonia, under the command of John Leone, conquered and took possession of the island. In 1125 Cephalonia again became subject to the emperors of the east, when they began to recover from the harassing irruptions of the Ottomans, under Mahomet. On the downfall of the eastern empire it followed the fate of Corfu, and became a dependency of the Venetian republic.

It was subject to the Venetians from the year 1449, till the peace of Campo Formio in 1797, when it was ceded to France; during that period it was governed by a proveditor appointed by the republic. It was taken from the French in 1799, and formed, with the other Ionian isles, into an independent commonwealth; but at the peace of Tilsit, in 1807, it was again brought under the dominion of France. In 1809 it was taken by the British, under whose protection it still continues.

CERDIC, a Saxon general, who arrived in Britain 495, from whom descended the kings of England, in the male line, to Edward the Confessor; and in the female line, to her present majesty. He founded the West Saxon kingdom in 519, and having overcome king Arthur in 527, was crowned at Winchester. He died in 534. See **ARTHUR**.

CERES, a new primary planet, discovered January 1, 1801, by M. Piazzi, astronomer royal of Palermo, in Sicily. This is an intermediate planet between the orbits of Mars and Jupiter, and appears as a star of the eighth magnitude, being, probably, about the size of the moon. Its distance from the sun is about $2\frac{3}{4}$ times that of the earth, and its periodical time nearly four years and two months. The elements of its theory, communicated by Dr. Hutton, of Woolwich, to Mr. O. Gregory, and published in his "Treatise on Astronomy," in 1803, are as follow:—

Place of the ascending node.....	2s. 20° 58' 30"
Inclination of the orbit	10 47
Place of the aphelium	2 8 59 37
Time of the passage through the aphelium, January, 1801.....	1.3328
Eccentricity.....	0.0364
Log. of the greater semiaxis	0.4106586
Time of the sidereal period	4.13 years.

CERIGO, or **CHERIGO** (well known in ancient times by the name of Cythera), one of the seven islands in the Mediterranean which compose the Ionian republic. It was anciently known (according to Pliny) by the name of Porphyris, from its possessing abundance of that beautiful marble. Ptolemy attributes the name of Cythera to Cytherus, son of Phœnix, who established himself in the island. It was first peopled by the Lacedæmonians, who, in the eighth year of the Peloponnesian war, were expelled by the Athenians under the command of

Nicias. At a subsequent period it passed under the dominion of the Spartan republic, and served as a retreat to Cleomenes, who, on the approach of Antigonus, king of Macedon, took refuge in the island. Ptolemy, king of Egypt, was afterwards lord of Cerigo. The Romans next came in possession; then the Venetians. It was taken from them by the French in 1797, but was retaken two years after, and incorporated into the Ionian republic. The French again obtained possession of it in 1807, but were expelled by the English in 1809. This island was united to the Ionian republic, under British protection, in 1815. See IONIAN ISLANDS.

CERVANTES DE SAAVEDRA, MIGUEL, the author of *Don Quixote*, born in the year 1549. He fought at the battle of Lepanto, under Don John, of Austria, in 1571, where he had the misfortune or, as he rather thought it, the honour to lose his left hand. In 1574, he was taken prisoner by the Moors, among whom he had several masters; and from whom he made many unsuccessful attempts to escape. On one of these occasions he and his associates were detected, and taken before the dey, from whom they could expect nothing but sentence of death, in its most cruel forms. The dey, however, consented to pardon the offenders, on condition that they should disclose which of their number was the leader of the enterprise. Unwilling to betray their countrymen, his companions hesitated, when Cervantes stepped forward, and acknowledged that he was the guilty person, and added, that to save his companions, he was ready to die. The savage ruler was so struck with his intrepidity that he refused to punish him. That he was regarded as a person of some note, is evident from the high price demanded for his ransom, which was no less than 500 crowns. This sum, with great difficulty, his friends at length succeeded in raising, and in 1580, he was restored to his country and his family.

On his return to Spain, he applied himself to the writing of comedies and tragedies, which, though they had great failings, were on the whole well received. In 1584, he published his *Galatea*. But the work which will immortalize his name, is the history of *Don Quixote*; the first part of which was printed at Madrid, in the year 1605. This work

is a satire upon books of knight-errantry and the principal end of it was to destroy the reputation of those books which had infatuated the greater part of mankind, and especially the Spanish nation. It was universally read; and Cervantes, even in his lifetime, obtained the glory of having his work receive the royal approbation. In 1615, he published a second part; to which he was partly moved by the presumption of some scribbler, who had published a continuation of this work the year before. The last of his works was entitled "*The Troubles of Persiles and Sigismunda*." He died about the year 1616, but the exact period is not known.

CETOLOGY, the department of Zoology which treats of the history and anatomy of cetaceous animals or whales. Little seems to have been known by the ancients respecting these animals, but some species of them are mentioned both by Aristotle and Pliny. Among the modern writers, Willoughby was the first who distinctly marked the anatomical resemblance of whales and quadrupeds. In 1692, Sir Robert Sibbald published a separate treatise, professing to describe only the rarer species of whales. La Cépède collected all that was most valuable, employed his talents in reducing the whole to a systematic arrangement, and published it in 1804.

CEUTA, OR CIBTA, a town of Fez, on a peninsula opposite to Gibraltar. This place was wrested from the Moors, 1415, by John, king of Portugal, and with Portugal was included, in 1530, in the Spanish monarchy by Philip II., and continued under the government of Spain even after the revolution of 1640. In the peace of 1668, it was finally ceded to Spain by the Portuguese.

CEVA, (ancient Ceba) a town in the north of Italy, in Piedmont. The cheese of this vicinity is praised by Pliny. In 1584, an inundation of the Tanaro proved fatal to numbers, and the plague carried off a still greater number in 1625. It was taken by the French in the late war, but was abandoned June 15, 1799.

CEVENNES, a chain of mountains in the south of France, considered to be a branch of the Alps. The French Protestants took shelter there, at the close of the 17th century, and bravely defended themselves against their merciless persecutors.

CEYLON, island in the Indian Ocean.

This island is supposed to have been known to the ancients; but the first authentic account of it is, that the Portuguese navigator, Almeyda, in 1505, entered one of its ports by accident, and was hospitably received by the natives. The Portuguese established commercial settlements there, but their cruelty and fanaticism made them so much abhorred, that the Cingalese, in 1603, assisted the Dutch in driving them out of the island. By the conquest of Colombo, the Dutch succeeded, in 1656, in expelling the Portuguese.

Bloody wars ensued, in which the Europeans were the victors, and forced their opponents to seek refuge in the interior of the island, where they remained independent. After Holland had been erected into the Batavian republic by the French, in 1795, the English took possession of this island, and at the peace of Amiens in 1802, it was formally ceded to them.

1815. The English subjected the whole of it by the capture of the Cingalese king of Candy, and the conquest of the principal town. In 1817, a most extensive and harassing rebellion broke out in the central provinces, which lasted until the end of 1819; since which, uninterrupted peace has prevailed, and various improvements, fiscal, judicial, and commercial, have been executed. In 1821 the export of cinnamon was opened to all purchasers (having previously been restricted to the East India Company) from the government stores, where public auctions were ordered to be held every month.

CHAGRE, port and town, in the republic of Colombia, at the embouchure of the Chagre river, and on the shores of the Caribbean sea. Taken by Admiral Vernon, 1740.

CHAIN CABLES. See **CABLES.**

CHAIN SHOT, invented by Adm. de Wit, 1666.

CHAIRS, SEDAN, first introduced in London in 1634, when Sir Sanders Duncomb obtained the sole privilege to use, let, and hire a number of the said covered chairs for 14 years. In 1694, they were first taxed by act of parliament (5 and 6 W. and M. c. 22 :) and by 9 Anne, c. 23, 200 hackney-chairs were licensed, at 10s, per annum; and no person was obliged to pay for a hackney chair more than the rate allowed by the act for a hackney coach driven two-third parts of

the said distance. In the following year, by 10 Anne c. 19, chairs were increased to 300; and by 12 Geo. 1, c. 12 to 400, on account of the great increase of buildings to the westward.

CHAIRS, PRIVATE SEDANS, 241 in Dublin city, March 25, 1787. Acts (Irish) for the regulation of, 1772, 1785, 1786, 1787.

CHALCEDON, or **CALCEDON**, a famous city of Bithynia, seated on the Bosphorus, and built, as it is said, by the inhabitants of Megara, some years before Byzantium, anciently known by the name of Procerastis and Colbusa. It was taken by the Athenians, A.C. 409. The emperor Justinian repaired it, and gave it his own name. It afterwards became very powerful.

Chalcedon was famous in Christian times for the council held there in 451 against Eutyches, which is reckoned the fourth general or œcumenical council. The emperor Valens, caused the walls of this city to be levelled with the ground, for siding with Procopius, and the materials to be conveyed to Constantinople, where they were employed in constructing the famous Valentinian aqueduct. This city was taken after a long siege, in 616, by Chosroes II. king of Persia. Chalcedon is at present a poor place, known to the Greeks by its ancient name, and to the Turks by that of Cadiaci, and Kodi-keni, or the Judges-town.

CHALMERS, ALEXANDER, an eminent voluminous modern writer, was born at Aberdeen, March 29, 1759. Having received a classical and medical education, he left his native city about 1777, and obtained the situation of surgeon in the West Indies, when he suddenly altered his mind, and proceeded to the metropolis, where he became connected with the periodical press. He commenced his literary career, as editor of the Public Ledger, and London Packet. He also contributed to the other popular journals of the day. In 1793, he published a Continuation of the History of England, in Letters, 2 vols. In 1797, he compiled a Glossary to Shakespeare; in 1798, he published a Sketch of the Isle of Wight, and an edition of the Rev. James Barclay's English Dictionary.

1803. He edited the "British Essayists, with prefaces, historical and biographical, and a general Index," 45 vols. The same year, he prepared an edition of Shakes-

peare, in 9 vols., 8vo., with an abridgment of the more copious notes of Steeven's, and a Life of Shakespeare. In 1805, he wrote a Life of Burns, and of Dr. Beattie, prefixed to their respective works; and was elected a Fellow of the Society of Antiquaries. In 1806, he edited Fielding's works, 10 vols. 8vo.; Dr. Johnson's works, 12 vols. 8vo.; Warton's Essays, the Tatler, Spectator, and Guardian, 14 vols. 8vo., and assisted the Rev. W. Lisle Bowles, in the publication of Pope's works, 10 vols. 8vo. 1807.

1807. He edited Gibbon's History, with a Life of the Author, 12 vols. 8vo. In 1808, and the following year, he prefixed prefaces to the greater part of the volumes of a collection, selected by himself, known as "Walker's Classics," from the name of their publisher: they consisted of 45 vols. In 1809, he edited Bolingbroke's works, 8 vols. 8vo.; and in this and subsequent years, he contributed many of the Lives to the magnificent volumes of the "British Gallery of Contemporary Portraits," published by Cadell and Davies.

1810. He revised an enlarged edition of "The Works of the English Poets," from Chaucer to Cowper; including the series edited, with Prefaces biographical and critical, by Dr. Johnson, and the most approved translations; the additional Lives by Mr. Chalmers, in 21 vols. royal 8vo. In the same year, he published, "A History of the Colleges, Halls, and Public Buildings attached to the University of Oxford, including the Lives of the Founders." In 1811, he revised through the press, Bishop Hurd's edition of Addison's works, 6 vols. 8vo., and an edition of Pope's works, in 8 vols. 18mo. In the same year, he republished, with corrections and alterations, a periodical paper, entitled, "The Projector," 3 vols. 8vo. In 1812, he prefixed a life of Alexander Cruden to the 6th edition of his "Concordance."

The work, on which Mr. Chalmer's fame, as an author chiefly rests, is "The General Biographical Dictionary," The preceding edition of this work, 1793, was in 15 vols.; the present in 32 vols. It was augmented by 3,934 additional lives, and of the remaining number, 2,176 were re-written, and the whole revised and corrected. The total number of articles exceed 9000. In November, 1816, he republished, "The Lives of

Dr. Edward Pocock, the celebrated Orientalist, by Dr. Twells; of Dr. Zachary Pearce, bishop of Rochester; and Dr. Thomas Newton, bishop of Bristol, by themselves; and of the Rev. Philip Skelton, by Mr. Burdy," in 2 vols. 8vo. In 1819, Mr. Chalmers published "Country Biography," four numbers; and a Life of Dr. Paley, prefixed to his works. In 1820, he published "A Dictionary of the English Language, abridged from the Rev. H. J. Todd's enlarged edition of Dr. Johnson's Dictionary," 1 vol. 8vo. In 1822, he edited the 9th edition of Boswell's Life of Johnson; in 1823, a new edition of Shakespeare; and another edition of Dr. Johnson's works. He died Dec. 10, 1835.

CHALONS-SUR-MARNE, city of France, and capital of the department of the Marne; before the revolution, the see of a bishop, and the chief place of the generality of Champagne. It is famous for a battle between the Romans and Attila, king of the Huns, in 451, in which the former, after an obstinate and sanguinary contest, in which the number of the slain amounted, as some say, to 162,000 or, according to other accounts, to 300,000 persons, proved victorious, and Attila was obliged to retreat. Chalons capitulated to the allied Russians and Prussians, Feb. 6, 1814.

CHALONS-SUR-SAONE, a city of France, in the department of the Saône and Loire. The great Roman way from Lyons to Boulogne passed by Chalons; and it exhibits various traces of Roman magnificence, particularly the ruins of an amphitheatre. It was taken by an Austrian force under the prince of Hesse Homburg, Feb. 1814.

CHAMBAUD, LEWIS, author of the "French Grammar and Dictionary," died Sept. 22, 1776.

CHAMBER OF DEPUTIES, France, number of reduced, 1816.

CHAMBERS, EPHRAIM, the well-known author of the first Cyclopædia published in this country, born at Milton, Westmorland; the time of his birth not ascertained. He was bound apprentice to Mr. Senex, the globe-maker, and it is said that some of the first articles of his Cyclopædia were written behind the counter. The first edition of the Cyclopædia, which was the result of many years' intense application, appeared in 1728. He was elected a Fellow of the Royal Society, November 6, 1729. He

was concerned in a periodical publication, entitled, "The Literary Magazine," which was begun in 1735. He died in 1740, and was buried in Westminster Abbey. A supplement to his Cyclopædia was afterwards compiled: and in the year 1778 was published an edition of both, incorporated into one alphabet, by Dr. Rees. Another edition on a large scale was published under the title of Rees's Cyclopædia, in 1811.

CHAMBERY or **CHAMBERI**, town in the north of Italy, the capital of the Sardinian state of Savoy. At this place the emperor Sigismund erected the earldom of Savoy into a dukedom, and Amadeus I. retired hither after his abdication of the Sardinian throne in 1730. This was long the residence of the duke, but since the removal of the court to Turin, it has lost its splendour. Chamberi belonged to the French from 1792 to 1815, when it was reunited to the Sardinian kingdom.

CHAMBLE, FORT, in Canada, taken by the Provincials, Oct. 20, 1775. Retaken by the English troops, Jan. 18, 1776.

CHAMBORD, treaty of, confirming the league between France and the Protestant princes of Germany, Jan. 15, 1552.

CHAMPAGNE, PHILIP DE, historic painter, born at Brussels 1602, died 1674.

CHAMP DE MAI, meeting of, to sign the new constitution of France, June 1, 1815.

CHAMPION OF ENGLAND, first introduced at coronations, 1377. See **CORONATION**.

CHAMPLAIN, LAKE, North America, so called from S. de Champlain, founder of the province of Canada, who first discovered it in 1608. Sept. 11, 1814, a British squadron, was defeated in Cumberland Bay, on Lake Champlain, by the American fleet, commanded by Mac Donough.

CHAMPLAIN CANAL, commences at Whitehall, reaches the Hudson river, at Port Edward, and forms a junction with the Erie canal, at Waverliet; total length 64 miles. It was begun in 1818, and completed in 1822.

CHAMPOLLION, JOHN FRANCIS, author of "The Antiquities of Egypt;" born in 1790. He was first commissioned by the French government to explore the monuments of antiquity in Egypt in 1828. He gives a favourable account of his reception, in company with other

scientific travellers, at the court of Mohammed Ali, in August, who promised them his protection and every assistance in the accomplishment of their object. He remained some years in Egypt, during which he visited all the monuments of the neighbourhood, and copied the inscriptions on Pompey's pillar. He caused the hieroglyphical inscriptions, which are on the two obelisks, to be copied and sketched under his own eyes. These two obelisks, with characters in three columns on the face of each of them, were originally erected by King Mæris, in front of the great temple of the sun, at Heliopolis. The lateral inscriptions were placed there by Sesostris; and he discovered two other short ones on the face, which were placed there by the successor of Sesostris. Thus three epochs were marked out upon these monuments. He died in 1833.

CHANCELLOR, supposed originally to have been a notary, or scribe, under the Roman emperors, and named *Cancellarius*, because he sat behind a lattice, (called in Latin *cancellus*,) to avoid being crowded by the people. Other accounts of the origin of the office are given, but it was undoubtedly known to the courts of the Roman emperors. From the empire it passed to the Roman church, and hence every bishop has, to this day, his chancellor, the principal judge of his consistory. And when the modern kingdoms of Europe were established upon the ruins of the empire, almost every state preserved its chancellor, with different jurisdictions and dignities, according to their different constitutions.

LORD HIGH CHANCELLOR OF ENGLAND, is next after the king and princes of the blood, in all civil affairs; the chief administrator of justice next the sovereign, being the judge of the court of chancery. See **CHANCERY**.

The following is a list of the Lord Chancellors of England since the Revolution:—Earl Somers, 1693; Sir N. Wright, 1700; Earl Cowper, 1705; Earl Harcourt, 1710; Earl Cowper, 1714; Earl Macclesfield, 1718; Lord King, 1725; Earl Talbot, 1733; Earl Hardwicke, 1736; Lord Henley, afterwards earl of Northington, Jan. 1757; Lord Camden, July, 1766; Lord Hardwicke, Jan. 1770.

In Commission, viz. Sir Sidney Stafford Smythe, Knt., Hon. Henry Ba-

thurst, and Sir R. Aston, Knt. Jan. 1770; Earl Bathurst, Jan. 1771; Lord Thurlow, June 2, 1778.

In Commission, viz. Lord Loughborough, Sir William Ashurst, and Sir William Beaumont, Hotham, April 3, 1783.

Lord Thurlow, again, Dec. 23, 1783.

In commission, viz. Sir James Eyre, Sir William Henry Ashurst, Sir John Wilson, June 15, 1792.

Lord Loughborough, Jan. 27, 1793; Lord Eldon, April 15, 1801; Lord Erskine, Feb. 7, 1806; Lord Eldon, again, March 25, 1807; Lord Lyndhurst, 1827; Lord Brougham, 1830; Lord Lyndhurst, again, 1834.

In Commission, viz. Sir E. Pepys, Sir L. Shadwell, and Mr. Justice Bosanquet.

Lord Cottenham, 1836.

CHANCELLORS OF CAMBRIDGE.

See CAMBRIDGE.

CHANCELLORS OF OXFORD. See OXFORD.

CHANCERY, COURT OF, the grand court of equity in England, said to have been instituted under some form as early as 606, in the reign of Ethelbert I. revived and confirmed in 1079, by William the Conqueror. The judge of this court is the lord high chancellor, whose functions see under CHANCELLOR.

About the end of the reign of king Edw. III., when uses of land were introduced, the separate jurisdiction of the chancery as a court of equity, began to be established. In 1616, arose a dispute between the courts of law and equity, set on foot by Sir Edward Coke, then chief justice of the court of king's bench; whether a court of equity could give relief after or against a judgment at the common law. This matter, being brought before the king, was by him referred to his learned counsel for their advice and opinion; who reported so strongly in favour of the courts of equity, that his majesty gave judgment on their behalf. Sir Edward Coke submitted to the decision, and thereby made atonement for his error; but it was followed by his removal from office.

1824. The abuses in the Court of Chancery were ordered to be investigated by the earl of Eldon, Lord Redesdale, Lord Gifford, the vice-chancellor, the solicitor-general, and many of the masters in chancery. In 1828, orders were issued for the future regulation and improvement of the practice of the Court

of Chancery, by the lord chancellor. The orders, it was stated by the chancellor, had been framed principally by the Master of the Rolls.

1832. The act 2 and 3 Will. IV. c. 111. abolishes certain sinecure offices connected with the Court of Chancery, and makes provision for the lord high chancellor on his retirement from office. By this act the offices of keeper, Clerk of his Majesty's Hanaper, &c., were abolished. And, as the lord high chancellor, would be deprived of the patronage and gift of the said offices, on his retirement from office, gives him an annuity of £5000.

In May, 1835, in consequence of a change in the administration, the great seal, which, ever since 1793, had been associated with the chancellorship, was put in commission. But in April, 1836, lord Cottenham having been appointed lord chancellor, brought in a bill for the better administration of justice in this court. He moved the second reading, June 13, when a debate of great length took place; and the measure was ultimately rejected by a considerable majority.

1840. The subject of chancery reform was renewed, and a bill brought forward in June, by the lord chancellor, proposing to create two new courts of equity, with their respective establishments; to abolish the court of exchequer, and to appoint new judges in the place of those of the exchequer, &c., whose functions would be superseded.

CHANCES, DOCTRINE OF, does not appear to have engaged the attention of mathematicians, until the beginning of the 15th century. Huygens in his book "De Ratiociniis in Ludo Aleæ," was the first who treated of it methodically. To this work succeeded an anonymous tract, "on the Laws of Chance" in 1692, and L'Analyse des Jeux de Hazard," by M. Monmort, published in 1708. De Moivre's celebrated work on the Doctrine of Chances was first published in 1717. In 1740, Mr. Thomas Simpson published a small treatise on "the Nature and Laws of Chance," which is not only clear and concise, but contains some problems, whose solutions had either never been attempted, or, at least never before communicated to the public.

CHANDA, district Hindoostan, prov. Gundwana, was given up to the Mah-rattas in 1794. The wars of 1803 in-

errupted and dispersed the trade of the district; in 1817, it suffered a further devastation, and in 1822 was wasted by famine and cholera.

CHANDERNAGORE, French settlement in Bengal, formerly frequented by native swindlers and rogues, but in 1757 it was taken by Col. Clive, after an obstinate resistance, and continued under British control up to 1816, when it was delivered up to a French governor.

CHANDLER, SAMUEL, an eminent nonconformist divine, born in 1693, at Hungerford, in Berkshire. He published in 1725, a treatise, entitled, "A Vindication of the Christian Religion;" in 1727, "Reflections on the conduct of the Modern Deists, in their late writings against Christianity." and in 1728, "A Vindication of the Antiquity and Authority of Daniel's Prophecies, and their Application to Jesus Christ." He died May 8, 1766, aged 73. Besides the works already mentioned, Dr. Chandler published several pamphlets, as well as sermons, in which he very ably defended the cause of Christianity against the attacks of infidelity and deism.

CHAPEL AT ROSCOMMON, Ireland, one of the pillars of the gallery gave way, when fourteen persons were killed, and many injured, April 17, 1804.

CHAPONE, Mrs., author of "The Letters on the Improvement of the Mind;" born in 1757, died in 1831, in her 75th year.

CHAPPLE, DE LA CLAUDE, an ingenious Frenchman, the inventor of the telegraph, died Jan. 31, 1805.

CHAPTAL, COUNT, chemist, born 1756, died 1833.

CHAPTER, a community of ecclesiastics belonging to a cathedral, &c. Anciently the bishops had their clergy residing with them. After the monastic life grew into request, many bishops chose monks rather than seculars for their attendants. Both these bodies then had the same privilege of choosing the bishop, but by degrees, their dependance on the bishop grew less; and then they had part of the bishop's estate assigned them, till the bishop had little more left than the power of visiting them. At length these capitular bodies lost their privileges, particularly that of choosing the bishop, till Henry VIII. got this power vested in the crown, and now the deans and chapters have only the shadow of it.

The establishment of general chapters of religious orders is owing to the Cistercians, who held the first in 1116, and were soon followed by the other orders.

CHARETTE, the famous Vendean commander, was captured at St. Sulpice, near Montaigu, with 32 adherents, when he surrendered, after receiving many wounds, March 23, 1796. He was shot at Nantes, on the 29th, after having conducted himself with the greatest bravery before the military tribunal.

CHARENTON, town of France, in the department of Seine, five miles from Paris. The bridge is the key to Paris on that side. In 865 the Normans obtained possession of, and destroyed it; in 1814, its passage was warmly but vainly contested against the allied armies. Sade, the author of *Justine*, was for the immorality of his writings, confined as a lunatic in Charenton asylum, by order of Napoleon, and died there in 1813.

CHARING CROSS, London, erected 1678; old buildings pulled down and recent improvements commenced in 1832.

CHARING CROSS HOSPITAL, foundation stone laid by the duke of Sussex, September 15, 1831.

CHARIOTS were anciently used both for military purposes, and in the Olympic games.

War-chariots were very generally used by the ancient inhabitants of various nations. Among the Medes and Persians they had chariots with two wheels, which were generally drawn by four horses a-breast, with two men in each. Cyrus, about A.C. 520, altered the form of the chariots, and doubled the number of fighting men that rode in them, by putting the drivers into a condition to fight as well as the others. At each end of the axle-tree he caused scythes to be fastened that were three feet long, and placed horizontally; and he caused others to be fixed under the axle-tree, with their edges turned to the ground, that they might cut in pieces men or horses, or whatever the impetuous violence of the chariots should overturn. Chariots of this kind were in use for many ages in all the eastern countries. The strength and execution of the chariots depended upon the length of their course; and this gave impetuosity and rapidity to their motion, without which they were feeble and insignificant.

The Romans under Sylla, at the battle of Chæronea, defeated and put to flight the enemy's chariots by raising loud peals of laughter, as if they had been at the games of the circus.

In the western world war-chariots were much used in ancient times. Those who fought from chariots of this kind, constituted the most remarkable corps in the armies of the ancient Britons. Their wheel-carriages or war-chariots are mentioned by Greek and Roman authors under several different names. It is probable that in Cæsar's time chariot-fighting was known and practised only in this island, and continued to be so used till it was subdued by the Romans, and longer in those parts of it that were not conquered.

Chariots were used in the celebration of the Olympic games; and they were introduced into these games in the 25th Olympiad, A.C. 680. Discontinued on account of the great scarcity of horses throughout all Greece, not only at the time of the revival of these games, but for many Olympiads after. In process of time these games acquired extraordinary celebrity, and the introduction of the chariot-race, as well as the race of riding horses, admitted in the 33rd Olympiad, served to encourage those who excelled in the breeding and managing of horses. See OLYMPIC GAMES.

CHARITABLE CORPORATION, instituted 1708, abolished 1734.

CHARITABLE INSTITUTIONS in or near London, supported wholly or in part by voluntary contributions, are of several kinds.

For an account of the Hospitals, Infirmaries, Dispensaries, and Institutions for particular complaints, See HOSPITALS and DISPENSARIES.

CHARITY SCHOOLS. The design of setting up schools for the instruction of children of the poor originated in 1698. The systems of Dr. Bell and Mr. Lancaster began almost simultaneously about the year 1797 or 1798; from which have arisen, throughout the kingdom, what are termed National Schools, as well as the British and Foreign School Society. See the articles SCHOOLS, SUNDAY SCHOOLS, INFANT SCHOOLS, NATIONAL SCHOOLS, &c.

CHARLEMAGNE, a name given by historians to Charles I. King of France, born 742. Upon the death of his father

Pepin in 768, he and his brother Carloman succeeded to him. Charlemagne was crowned at Noyons; and Carloman at Soissons: their first exploit was the defeat of Humaud, duke of Aquitaine, whose territories they seized and divided between them. In 769, Charlemagne married Bertha, daughter of Didier, king of Lombardy, and in 771 Carloman dying in November, Charlemagne remained sovereign of all France.

772. Charlemagne began the Saxon war, which continued thirty years. In 773, Didier, king of the Lombards, besieged Rome, and took several cities from Pope Adrian I. who had recourse to Charlemagne for assistance. The French monarch, finding all milder methods to be fruitless, passed with his army into Italy, in the month of October, defeated the troops of Didier, and laid siege to Pavia, where he had shut himself up. In 774, by the surrender of Pavia, and the capture of Didier, the kingdom of the Lombards ended, after a duration of 206 years. Charlemagne took the title of King of Italy.

776. Charlemagne reduced the Saxons, and in 778, gained the celebrated battle of Roncevaux. In 784, defeated Witikind and the Saxons, in a battle that lasted three days. In 791, defeated the Avari in Pannonia. In 796, Pope Leo III. sent legates to Charlemagne, to request him to confirm his election, against Pope Adrian.

799. Pope Leo, maltreated by the partisans of Adrian, and in danger of his life, escaped from prison into France, where Charlemagne furnished him with a numerous escort to re-conduct him to Rome, and punish the rebels. Charlemagne having extirpated the Avari, in Pannonia, in 800, arrived at Rome, and, on Christmas-day, was there crowned king of Italy and emperor of the West, by Pope Leo.

After the celebration of mass, at which the king had devoutly assisted, the pope suddenly placed a precious crown on his head, and the dome of the church resounded with the acclamations of the people, "Long life and victory to Charles, the most pious Augustus, crowned by God the great and pacific emperor of the Romans." The pope immediately consecrated the monarch, and conducting him to a throne, paid him those marks of respect which had been claimed by the ancient Cæsars.

Charles from this time indissolubly blended, in the name of Charlemagne, the appellation of Magnus the Great.

805. The Sclavonian Boii, or Bohemians, ravaged the country lately occupied by the Avari, or Huns, and Charlemagne sent his son Charles to oppose them; the young prince killed their chief, named Lecko.

806. Charlemagne, at the age of 64, convoked an assembly of his nobles at Thionville, and made known his will concerning the succession, which they approved of, and sanctioned with their signatures. In 813, Charlemagne associated his son Louis, surnamed Le Debonnaire, or the Pious, in the Western empire, and caused him to be crowned in the month of September. In 814, Charlemagne died January 28, aged 72, in the forty-seventh year of his reign as king of France, and the fourteenth of his empire. He was succeeded as emperor and king by his son Louis.

“As a warrior and a politician, Charlemagne has been rarely excelled. He was indefatigable in his attention to public business, and in the performance of all the duties attaching to his high station. He showed himself the friend of learning and learned men, and made such efforts to promote the interests of literature, as entitle him to great praise; though his own literary attainments were probably not of the first order, as he did not acquire the practice of writing till he had attained to manhood. Such were the mistaken ideas of the times in which he lived, that he was highly esteemed for his regard to religion, and to the clergy; though his morals were stained with the charge of incontinence, to which the number of his wives and concubines bear irresistible evidence. His many wars proved that he little valued the lives of his subjects, in a cause in which his ambition was concerned. His humanity stands impeached by the extinction of his nephews, the sons of Carloman, and by the cruelties frequently exercised upon the valiant Saxons, whose attachment to freedom and their country, merited a very different kind of treatment. These are blemishes in the character of Charlemagne which time cannot obliterate; but, after every allowance for his frailties, it must be admitted, that the title of Great, which has been blended with his

name for more than ten centuries, has seldom been awarded upon fairer claims; and it is to be regretted that in the lapse of a thousand years, so few have been ambitious of attaining to that degree of celebrity which attaches to the virtues of Charlemagne.”

CHARLEMONT, with GIVET adjoining, the strongest fortress in France, founded by Charles V., in 1555. Louis XIV. fortified Givet at the foot of the hill, and extended the works of Charlemont. This impregnable fortress is calculated to accommodate 11,000 men, and may be defended by 3000. In 1815, the two Givets and Mont d’Haur capitulated to the allies, who did not think it prudent to besiege Charlemont. It has never yet been seriously attacked.

CHARLEROI surrendered to the French, June 26, 1794.

CHARLES I., king of England, born November 19, 1600. Succeeded to the crown, March 27, 1625. He married Henrietta, daughter of the king of France, the same year, and was crowned February 2, 1626; crowned at Edinburgh, 1633.

1641. January 3, the king went to the common council and demanded five obnoxious members, which was the immediate cause of the commencement of the civil war in Britain. He raised his standard at Nottingham, August 25, 1642. Battle of Naseby, June 1645, in which the king’s hopes were destroyed. He travelled in the disguise of a servant, and put himself into the hands of the Scots at Newark, May 5, 1646. He was seized by Colonel Joice, at Holmby June 3, 1646. Delivered up by the Scots, January 30, 1647. Escaped from Hampton-court, and retreated to the Isle of Wight, July 29, 1648, and was closely confined in Hurst castle, Dec. 1, following. Removed to Windsor castle, Dec. 23; to St. James’s palace, June 19, 1649. Brought to trial the next day, condemned the 27th, beheaded at Whitehall, the 30th, aged 48, and buried in St. George’s chapel, Windsor. For further particulars of the reign of Charles I., See BRITAIN.

CHARLES II., king of England, born May 29, 1630. Escaped from St. James’s April 23, 1648. Landed in Scotland, 1650, and was crowned at Scone, Jan. 1, 1651. Defeated at the battle of Worcester, 1651. He landed at Dover, May 20, 1660, and was

restored to his throne; crowned April 13, 1661. Married Catharine, infanta of Portugal, May 21, 1662. Accepted the city freedom, Dec. 18, 1674. Died without issue, Feb. 6, 1685, aged 54, of apoplexy. He was buried at Westminster, and was succeeded by his brother James. Catharine, his queen, died Dec. 21, 1705. See BRITAIN.

CHARLES V., king of Spain, and emperor of Germany, was born at Ghent, Feb. 24, 1500. The rich inheritance of Castile, of Arragon, of Naples, Sicily, and Sardinia, devolved on him, by the death of his maternal grandfather, Ferdinand, in 1516. On which event he claimed the title of king.

1519. The emperor Maximilian I. dying at Wells, in Austria, Jan. 12. Francis I., and Charles V. of Spain became competitors for the empire; the latter was elected June 28, on which occasion the capitulation was introduced, subjecting the emperor to the condition imposed by the electors. In 1521, a league between the emperor Charles V., king of Spain, and Henry VIII. of England, against Francis I., king of France; and in 1523, a league against Francis I., by pope Clement VII., the emperor, the Venetians, &c.

1525. Francis I. was taken prisoner at the battle of Pavia, Feb. 24, and sent to Madrid; but by the treaty of Madrid, Jan. 14, 1526, Francis was restored to liberty, on leaving his two sons as hostages. The pope and Venetians joined the French king against the emperor.

1527. Rome was taken and plundered by the army of the emperor, May 6. In 1528, Francis challenged the emperor Charles V. to meet him in single combat. In 1531, Ferdinand of Austria was elected king of the Romans through the interest of his brother Charles V. In 1532, Charles V. was reconciled to the German princes, July 23.

1536. League between Francis I. of France, and Solyman II., sultan of the Turks, against the emperor Charles V. In 1538, a ten years' truce concluded at Nice, June 18, between Charles and Francis, which lasted four years. In 1539, Charles V. passed through France on his way to Ghent, which had revolted, and was sumptuously entertained by Francis. The constitution of the Cortes in Spain subverted by Charles, 1541. Charles V. besieged Algiers.

1542. Treaty of alliance between Sul-

tan Solyman and Francis I. of France, against the emperor Charles V. In 1543, a league between Henry VIII. and Charles V. against Francis I. In 1544, the Imperialists defeated the French at Cerisoles, April 11, which led to the treaty of Crespy, between Charles and Francis, Sep. 18.

1546. The emperor Charles V. formed a league with the pope against the Protestants: and in 1548, the interim was granted by Charles V. to the Protestants

1553. Treaty of Passau, between the emperor and the Protestants, signed July 31. In 1553, Charles V. resigned his possessions in the Netherlands to his son, Philip II, husband of Mary, queen of England, and nominated his brother, Ferdinand I., who had been elected king of the Romans in 1531, as his successor in the empire. In 1556, Charles V. resigned the crown of Spain, and all his other dominions, to Philip II., Jan. 6, and retired to the monastery of St. Just, in Estramadura.

On his way to the place of his retreat, he visited Ghent, the place of his nativity, and after a prosperous voyage, arrived at Laredo, in Biscay. As soon as he landed, he prostrated himself on the earth, and said, "Naked I came out of my mother's womb, and naked I now return to thee, thou common mother of mankind." A considerable portion of his time was reserved for religious exercises; and in this dignified leisure did he pass the first year of his seclusion. But the debility arising from a broken constitution, and the tendency of a superstitious faith and practice, at length degraded his sinking mind to the servility and insanity of monastic penances. Prompted by the monks, to whose direction he had resigned himself, he resolved to celebrate his own obsequies, which he did with all the solemnity of a real funeral. The awful impressions which the ceremony, however absurdly and improperly devised, had left upon his mind, hastened the event which he had so singularly anticipated. On the following day, he was seized with a fever, and expired on the 21st of September, 1558, in his 59th year.

"The character of his mind was rather that of careful and deliberate attention than of brilliant talents or rapid conception. He preferred business to pleasure, and made public concerns at once his study and amusement. But his promptitude

in execution was equal to his patience in deliberating ; he was at once sagacious in devising measures, and fruitful in resources for carrying them forward. Though he devoted himself more to the cabinet than to the field, he never appeared at the head of his armies without entitling himself to rank with the greatest general of the age ; but his principal excellence consisted in the felicity with which he applied the important science of human nature to the choice of fit agents and the adaptation of abilities to situation and office. If his manners were less pleasing than those of his rival, his virtues were at least as solid, and his adherents as faithful and attached. His confidence in his generals was unbounded ; he rewarded their services munificently ; he neither envied their glory, nor mistrusted their intentions. But his ambition was insatiable, and his policy too often rigorous ; while his contemporaries Francis I., and Henry VIII., with numberless vices from which he was exempt, were characterized by an openness and credulity, which made them more popular, principally because it rendered them less dangerous."

CHARLES XII., king of Sweden, was born in 1682, and succeeded to the crown on the death of his father Charles XI. in 1697. In very early life he had been trained to violent and martial exercises ; and had in a thousand instances shown an impracticability of disposition which no force could conquer, but which was always alive to suggestions of military glory. The inexperience of Charles encouraged the kings of Poland, Denmark, and the czar of Russia to enter into a confederacy against him, for the purpose of wresting from him a part of his dominions, which had been ceded to his father and grandfather.

When their designs were certainly known, a Swedish council was convened at which the king attended, for some time, the silent spectator of their proceedings. In the midst, however, of their discussions, respecting the measures to be pursued, he rose, and with a dignified air declared that he had determined never to engage in an unjust war, but having been drawn into one by the ambitious views of an enemy, he would never desist till he had humbled and ruined him. "It is," says he, "my resolution to go and attack the first who shall dare to avow his designs : and

when I have conquered him, I trust the others will be intimidated."

1700. Charles quitted his capital in May, to revisit it no more ; and, embarking his troops at Carlsroon, sailed for Denmark, and proceeded at once to Copenhagen, which he prepared to besiege by land, while the fleet blockaded it by sea, and soon obtained possession of it. He then turned his arms against the Russians, who had undertaken the siege of Narva, with 80,000 men. The Swedish monarch advanced to the relief of the place with only 10,000 men. After a severe conflict of three hours the Russians were obliged to retreat, and Charles entered Narva in triumph, Dec. 11.

He pursued his conquests till he penetrated as far as where the diet of Poland was sitting ; when he made them declare the throne of Poland vacant, and elect Stanislaus their king, Feb. 1704 ; then making himself master of Saxony, he obliged Augustus himself to renounce the crown of Poland, and acknowledge Stanislaus, by a letter of congratulation on his accession.

During this war an incident occurred illustrative of his character. On one occasion a peasant threw himself at his feet, with a complaint against a grenadier, that he had robbed him of certain eatables provided for himself and his family. "Is it true," said Charles sternly, "that you have robbed this man ?" The soldier replied, "Sir, I have not done near so much harm to this man, as your majesty has done to his master, for you have taken from Augustus a kingdom, whereas I have only taken from [this poor scoundrel a dinner." Charles made the peasant amends, and pardoned the soldier for his firmness. "However, my friend," added he, "you will do well to recollect that if I took a kingdom from Augustus, I did not take it for myself."

1708. Charles arrived within 100 leagues of Moscow in October, when the severity of the weather and scarcity of provisions obliged him to turn aside into the Ukraine. He however shared with his soldiers all kinds of hardships, and by this means inspired them with surprising patience and fortitude. In the following spring his army was reduced to 30,000 men, and with these he penetrated to the town of Pultowa, where Peter had laid up his magazines.

1709. The czar having collected all his forces, was advancing on the Swedes, and Charles refusing to wait for the enemy in his entrenchments, gave orders for a general engagement, July 7, and then went to sleep. On July 8, the famous battle of Pultowa decided the fate of the Swedish monarch. Being wounded, he was drawn in a litter at the head of his infantry; the horses were twice killed, and at last the litter was dashed in pieces by a cannon ball; he was then carried by his life guards; and though the Swedes began to retreat on every side, the officers and 9000 men being slain, he refused to flee, till he was placed on horseback by order of Poniatowski, and conveyed by his cavalry through the Russian army to the banks of the Dnieper. From thence he escaped with a small troop to Bender, where he remained several years.

During his residence here, Augustus regained the throne of Poland: the king of Denmark attacked Schonon, and took Helsingburgh, and the czar triumphed in Muscovy. Weary of his inactive life he requested leave to return to Sweden, which was readily granted. His arrival in Oct. 1714, diffused universal joy in his kingdom, though he found it in a wretched condition.

1716. He invaded Norway, but after penetrating to Christiana was obliged to return to Sweden. He now sought by means of his minister, Baron de Goertz, to effect a peace with Russia, and began to contrive means for the dethronement of George I. of England. But in order to lose no time, he besieged Frederickshall, though the cold was then so severe that the sentinels were frozen to death at their posts. On the evening of the 11th of December, he visited the entrenchments with his chief engineer. He was leaning upon the parapet watching the workmen, with nearly half his body exposed to the fire of the enemy; after remaining in this posture for some time, he was seen to fall upon the parapet, heaving a deep sigh. He was taken up dead, a half pound ball having entered his right temple, and though his death was thus instantaneous, his right hand was found grasping the hilt of his sword.

Thus perished Charles XII., king of Sweden, in the 37th year of his age, and the 21st of his reign. During his life he experienced the extremes of prosperity and of adversity, without being

softened by the one, or disturbed by the other; but he was a man rather extraordinary than great, and fitter to be admired than imitated. His intrepidity, fortitude, perseverance, and contempt of danger, will ever rank him foremost among heroes, but no king was ever more lavish of human blood, or studied less the true happiness of his subjects. His person was tall, and of noble mien. He had a fine open forehead, large blue eyes, flaxen hair, fair complexion, but a laugh not agreeable. His manners were harsh and austere, not to say savage; and as to religion, he was indifferent to all, though professedly a Lutheran. Baron de Goertz, his minister, was arrested immediately on the death of Charles, and condemned to be beheaded at the foot of the town gallows; an example, says Voltaire, of vengeance, rather than of justice, and a cruel affront to the memory of a king whom Sweden still admires.

CHARLES PHILIP COUNT D'ARTOIS, afterwards Charles X. of France, born Oct. 9, 1757, was the fifth and youngest son of the dauphin Louis, son of king Louis XV., by his second wife Maria Josepha of Poland, third daughter of Augustus the Third, king of Poland and elector of Saxony. Was married Dec. 17, 1773, to the princess Maria Theresa, daughter of Victor Amadeus III., king of Sardinia, and sister to the consort of Louis XVIII., at which period he was only in the 17th year of his age. By this princess, who died at Gratz, in Hungary, June 2, 1805, he had two children—Louis Antoine, duc d'Angouleme, born August 6, 1775, and Henry Charles, duc de Berri.

The count d'Artois quitted France at the onset of the revolution about 1796, and visited the court of his father-in-law, the king of Sardinia, at Turin, and subsequently other parts of Europe; but at length sought an asylum in England, where he resided for a considerable period. Becoming deeply involved in pecuniary embarrassments, and some of his creditors being very clamorous and urgent, Holyrood-house, Edinburgh, being a privileged place, was fixed upon by the British government as his residence. Some arrangement having been effected with his creditors, he was subsequently enabled to live at Hartwell, with his brother Louis XVIII.

1824. He succeeded his brother as king

of France, and by the title of Charles X., made his public entry into Paris, Sept. 27. On July 25, 1830, in consequence of the result of a general election, Charles X. issued his two ordinances, one abolishing the freedom of the press, and the other changing the mode of election. The three days of revolution ensued. The king retreated from St. Cloud to Rambouillet, where he offered to abdicate in favour of his grandson the duc de Bourdeaux, and requested from the provincial government a safe conduct to a seaport. He embarked at Cherbourg, for England, and arrived off Spithead, Aug. 17. On the 23rd he landed at Poole, and for some time he took up his residence at Lulworth Castle, the mansion of Cardinal Weld. After two months he removed to Edinburgh, and resumed his old quarters at Holyrood house. He returned to the continent, Aug. 18, 1832, and took up his residence in the Austrian dominions. In consequence of a severe attack of dysentery or cholera, he breathed his last at Goritzia, Nov. 6, 1836, aged 79. See FRANCE.

CHARLESTOWN, South Carolina, fire at, November 18, 1740. The whole trading part of the town was entirely destroyed, and nearly 300 houses left in ruins. The loss of houses was valued at £100,000 sterling, and the goods double that amount.

1761. May 4, a most violent whirlwind, of that species called Typhones, passed down Ashley river, and fell upon the shipping in Rebellion Road, with incredible violence. That terrible phenomenon ploughed Ashley river to the bottom, and laid the channel bare. There were forty-five sail of ships in the roads, five of which were sunk. The strong gust by which it was met checked its progress, otherwise the town must have been driven before it like chaff. Charlestown was burnt by the English, January 17, 1774; surrendered to the British forces, May 4, 1780; 300 houses destroyed by fire, June 13, 1796.

This town has a fourth part of the exports of the United States. All the cotton sent from South Carolina to foreign countries is shipped at Charlestown. In 1831-32, the exports are said to have amounted to 182,628 bales, of which 138,683 were for Great Britain. The registered, enrolled, and licensed tonnage belonging to Charlestown, in

1831, amounted to 13,008 tons, of which 7,147 tons were employed in the coasting trade. The total value of the articles imported into South Carolina, in the year ending September 30, 1832, was 1,213,725 dollars; the total value of the exports during the same year being 7,752,781 dollars.

CHARLESTOWN, New England, greatly damaged by a storm, 1761; burnt by English troops, June 17, 1775.

CHARLEVOIX, PETER FRANCIS XAVIER DE, a writer of voyages and travels, born at St. Quintin, in 1684, and having entered the society of Jesuits, taught the languages and philosophy with reputation. His works are, "A History of the Island of St. Domingo," 2 vols. 4to., 1730; "A History and Description of Japan," 1736; "History of Paraguay," 6 vols. 12mo.; "General History and Description of New France," 1744. He died in 1761.

CHARLOTTE, PRINCESS AUGUSTA, whose untimely death excited so much interest in this country, was the only daughter of his late majesty George IV., born January 7, 1796. On May 18, 1815, her royal highness was first presented at court, and soon after this period went to Weymouth for the benefit of her health.

Here an incident occurred which strikingly displayed the amiable and energetic features in her character. Just before her departure from Weymouth, her royal highness being at sea in her yacht, Captain Nixon, who commanded the Leviathan of 74 guns, which was sailing near, rowed on board the yacht, to pay his respects to the princess. She received him on deck, and, after the usual ceremonies, said, "Captain Nixon, yours seems a very fine ship of war; I should like much to go on board her." The bishop, her aged preceptor, standing by, asked whether she thought her illustrious father might not disapprove of her passing in an open boat through a rough sea. The immediate answer to this was, "Queen Elizabeth took great delight in her navy, and was not afraid to go on board a man-of-war in an open boat; then, why should I?" Her royal highness declined going by the chair of state when let down, saying, "I prefer going up in the manner that a seaman does; you, Captain Nixon, will kindly follow me, taking care of my clothes; and, when I am on deck, the chair may be let down for the other ladies and the

bishop." Her royal highness ascended with a facility that astonished the whole delighted crew. Her royal highness did not leave the ship till she had inspected every birth, even to the cockpit, powder-magazines, store holds, &c. Having presented a purse to Captain Nixon, for the crew, she descended as she rose, under a royal salute, and the more gratifying cheers of the loyal and hearty crew of a British man-of-war.

1814. When the allied sovereigns visited this country, on occasion of the general peace, her royal highness was first introduced to Prince Leopold of Saxe Cobourg, and a formal proposal was soon made. Her marriage with that prince took place May 2, 1816. At length, at the pregnancy of the princess, the whole nation looked forward to a succession of princes in the same illustrious line. The health of the princess had been anxiously watched up to the important period of her confinement. On the morning of November 4, 1817, her royal highness being taken ill, despatches were immediately sent to the chief officers of state, the archbishop of Canterbury, and bishop of London, who immediately hastened to Claremont. At twelve, November 5, a change was observed, and the princess expired, about half-past two in the morning of November 6.

This amiable princess in her general character, circumstances, and prospects, resembling our youthful sovereign Victoria previous to her accession, excited a scarcely inferior interest in the public mind. The princess Charlotte was remarkable for the vigour of her understanding, the firmness of her mind, the openness of her manners, and the tenderness of her heart; while her well-known constitutional principles promised the continuance of all those civil and religious privileges our nation had so long enjoyed.

CHARLOTTE, queen of George III., originally princess Sophia Charlotte of Mecklenburgh Strelitz, was born May 19, 1744, married September 8, 1761, crowned September 22, 1761, died at Kew, November 17, 1818, aged 75.

CHARLOTTE, THE ROYAL, of 100 guns, destroyed by an accidental fire, near Leghorn, only 150 of her crew saved; March 16, 1800.

CHARLOTTE'S ISLAND, QUEEN, discovered by Capt. Wallis, 1767.

CHARLOTTE'S ISLANDS, QUEEN, a

cluster, discovered by Capt. Carteret, 1767.

CHARONDAS, a native of Catania, in Sicily, flourished about A. C. 446, and is supposed to have been a disciple of Pythagoras. He was distinguished both as a philosopher and a legislator, and is said to have framed a code of laws for his own native place, and several other cities of the Chalcidians, and also for the Mægii; and they were afterwards adopted by the inhabitants of Thurium in Magna Græcia, rebuilt by the Sybarites, when they established their republic.

CHARPENTIER, FRANCIS, a native of Paris, where he was born in 1620. In 1651, he was elected a member of the French Academy. In 1676, he wrote, "A Defence of the Use of the French Language, for the Inscription on the Triumphal Arch;" and in 1683, he published two volumes "On the Excellence of the French Language." These publications excited the avowed enmity of Boileau, who satirized him with unwarrantable severity. His last work, entitled "A Dissertation on the Excellence and Utility of Academic Exercises," was published in 1695. He died in 1702; and long after his death, some literary fragments were published under the title of "Carpentariana," that are held in no great estimation.

CHARRON, PETER, an eminent French writer, was the son of a bookseller at Paris, and born in 1541. In 1594, he published his treatise, entitled, "Three Truths." In 1595, he was deputed to the general assembly of the clergy, and made secretary to that body. In 1600, he printed a volume of "Christian Discourses," and in 1601, appeared the first edition of his "Treatise on Wisdom." In 1603, he went to Paris to print a second edition of this work, and there died suddenly in the street.

CHARTA, MAGNA. See **MAGNA CHARTA**.

CHART, or HYDROGRAPHICAL MAP. Charts were first introduced into the marine by Prince Henry, duke of Visco, son of John I., king of Portugal, about the year 1400. These were of the kind denominated plane charts. For any considerable extent, charts of this construction were soon found erroneous; and their errors were successively exposed by Martin Cortes, a Spaniard, in 1556; by Petrus Nonius, a Portuguese,

in 1587; by Mr. Edward Wright in 1599; and by others.

In order to correct these errors, Mercator, in 1556, published a chart, in which the meridians and parallels were straight lines, as in the plane chart; but in order to compensate the errors arising from the parallelism of the meridians, he increased each degree or portion of the meridian with its distance from the equator. In 1645, a method, more strictly accurate, was published, as an addition to Norwood's *Épitome of Navigation*, by Mr. Henry Bond. The demonstration of this method was still wanting: this, however, was given, for the first time, by Mr. James Gregory, of Aberdeen, in 1668; and in 1690 a more concise demonstration was given by Dr. Halley in the *Philosophical Transactions of London*, No. 219, Vol. xix. Both these demonstrations are reprinted in the second volume of Baron Maseres' *Scriptores Logarithmici*, printed in 1791.

CHARTERS of community, were certain privileges whereby the inhabitants of towns and cities were enfranchised. The first person who conferred these privileges was Louis the Gross, in France, about the beginning of the twelfth century; and his example was soon very generally followed. In England the establishment of communities or corporations was posterior to the Conquest, and the practice was borrowed from France. Lord Lyttleton, however, suggests that some of the towns in England were formed into corporations under the Saxon kings, and that the charters granted by the kings of the Norman race were not charters of enfranchisement from a state of slavery, but a confirmation of privileges which they already enjoyed. However this be, the English cities were but inconsiderable in the twelfth century. See **CITY**.

CHARTER HOUSE, a term derived from the French word *Chartreuse*, the name of a celebrated monastery of Carthusians, so called from a steep rocky place, in a frightful desert, five leagues from Grenoble, in France, where St. Bruno retired from the world, and first instituted the order of Carthusians. The name has since passed to all houses of Carthusians. That of London, corruptly called Charter House, was, before the suppression of the monasteries by Henry VIII., a priory belonging to that order. On occasion of a dreadful plague, Walter de Manny, a

Flemish nobleman, purchased the site in 1349 of the master and brethren of St. Bartholomew's hospital.

1371. Manny founded in this place a Carthusian monastery; and the revenues of this convent amounted, at the time of its suppression in 1538, to 642*l.* per annum, which was conferred upon Sir Thomas Audley, speaker of the House of Commons, and from him descended to Thomas, earl of Suffolk, who disposed of it to Thomas Sutton, Esq., by the name of "Howard House," commonly called "Charter House."

By letters patent, obtained in 1611, the hospital was established, and confirmed by parliament in 1628. Sir Richard Sutton, one of the founder's executors, improved the estate, so that in 1673 it amounted to 5,391*l.* 13*s.* 8*d.* yearly. It has since amounted to about 12,000*l.* This establishment consists of decayed gentlemen, soldiers, and merchants; eighty of whom have a plentiful maintenance of diet, lodging, &c. The ordinary officers are, a master, preacher, register, treasurer, schoolmaster, &c.

CHARTISTS. This term had its origin in the year 1837 or 1838, when a very uneasy spirit began to display itself among the "working classes" in the manufacturing counties. Immense meetings were convened in various quarters demanding universal suffrage. A document, called the "people's charter," was framed and put in circulation, from whence they were called *Chartists*.

It became a favourite practice with the parties to these transactions to assemble by torch-light in the open air. Among others, a public meeting was convened in the day-time, at Palace Yard, Westminster, in the autumn of 1838. The most numerous and important of these assemblages took place on Kersel Moor, near Manchester. The number present on this occasion was about 200,000; Mr. Fielden, the member for Oldham, was called to preside. On this occasion the well known Mr. Stephens said, "The principle of the people's charter was the right of every man that breathed God's free air, or trod God's free earth, to have his home and his hearth, and to have happiness to himself, his wife, and his children, as securely guaranteed to him as they are to every other man whom the Almighty had created."

These meetings continued till December in various parts of the country. The

people were armed with guns, pikes, &c. carrying flags and torches, and conducting themselves in a tumultuous manner. A proclamation was issued declaring all such meetings illegal, and warning all persons to desist from such assemblies.

1839. July 15, Riots at Birmingham. A meeting of Chartists having been appointed for the evening, the police interfered to prevent it, which so infuriated the mob, that a general riot took place. They set fire to three houses in the Bull Ring, broke into the shops, and committed many outrages before the arrival of a strong party of special constables, armed with cutlasses, and some troops of dragoon guards, and rifle brigade, ultimately stopped their proceedings. The damage done by the rioters was estimated at from £30,000. to £40,000.

Chartists' Riot at Newport originated at the suggestion of John Frost, whose first public appearance was in 1819.

When the Municipal Corporation Act came into operation, in 1835, Frost was chosen borough magistrate by fourteen out of eighteen town councillors who voted on that occasion; the majority being composed of Tories and Whigs indiscriminately. In the year after that appointment he was chosen mayor unanimously. In the year 1837 another contested election took place. On that occasion, Frost having had some personal difference with the popular candidate, sacrificed his principles to his resentment, and gave his support to the Tory candidate; and, from having been the idol of the friends of liberty at Newport, he became an object of their execration. Bitter mortification and disappointment entered into his very soul. He became desperate and reckless, and ready to grasp at revenge in any form. He soon distinguished himself by his seditious violence, and was most justly dismissed from the magistracy in 1838.

1839. Frost's dismissal gave him fresh claims on his co-operatives, and he soon became chairman of the Chartist Convention. Letters poured in upon him from various quarters, in which he was applauded for his manliness, styled the saviour of his country, and hailed as the future lord protector of a projected republic. They had been already worked up to the full extent of Chartism; but Chartism now fell much below his mark, and a new topic was started. The unequal distribution of property was

invidiously denounced as social injustice. The working classes were reminded that these were evils capable of remedy, and that the remedy was in their own hands by means of numbers and physical force. Delegates from distant districts, and inflammatory publications lent their aid, and it is not much to be wondered at that their combined efforts were successful. The largest estates in the country were parcelled out to the golden dreams of the multitude, who were taught to believe that one good rising was all that was required to effect the division. The great bulk was to be distributed, and every Chartist was led to believe that his share of the general plunder would enable him to support his wife and family thenceforward in comfort, without labour.

The first circumstance which created positive alarm, as indicative of a widespread combination for some bad purpose, was a general desertion of the hill markets on Saturday, November 2, 1839.

This neglect on the part of the workmen to make the usual provision for their families for the ensuing week, led the proprietor of Tredegar iron-works to apprehend that some mischief was intended; and, early on the 3rd, he communicated his apprehensions to the mayor of Newport. In the course of the 3rd (Sunday), the Chartists collected from the mines and collieries in the neighbourhood about 10,000 men, most of whom were armed with guns, pikes, &c.

At ten o'clock on Monday morning the 4th, the Chartists' attack on Newport commenced. They divided themselves into two bodies, one of which, under the command of Frost proceeded down the principal street of Newport; while the other, headed by Frost's son, took the direction of Stowe Hill. They met in front of the West gate Hotel, where the magistrates were assembled with about 30 soldiers of the 45th regiment, and several special constables; the rioters commenced breaking the windows of the house, and fired upon the inmates, by which the mayor, Mr. Phillips, and several other persons were wounded. The soldiers now made a sortie, and succeeded in dispersing the mob, which, with its leaders, fled from the city, leaving about 20 rioters dead, and many others dangerously wounded. A detachment of the 10th Royal Hussars

having arrived from Bristol, the city became tranquil.

Frost was apprehended on the following day, together with his printer, and other influential persons, among the Chartists. A public examination of the rioters commenced November 14, at Newport, and concluded Saturday, Dec. 7, having lasted 23 days. The number of prisoners committed was 125.

1840. The trial of Frost for high treason, under special commission, dated November 19, commenced at Monmouth January 1, and lasted eight days; ended Wednesday January 9th, by the conviction of Frost, and a recommendation to mercy by the jury. Zephaniah Williams, and William Jones, were also convicted of high treason on a subsequent day.

Thursday, January 16, sentence was passed against the above three prisoners, on which occasion the chief justice addressed them in the following terms: "John Frost, Zephaniah Williams, and William Jones, after the most anxious and careful investigation of your respective cases before juries of great intelligence and almost unexampled patience, you stand at the bar of this Court to receive the last sentence of the law for the commission of a crime which beyond all others is the most pernicious in example, and the most injurious in its consequences to the peace and happiness of human society; that of high treason against your Sovereign.

It is owing to the interposition of Providence alone that your wicked designs are frustrated: your followers arrive by daylight, and after firing upon the civil power and the Queen's troops, are by the firmness of the magistrates, and the cool and determined bravery of a small band of soldiers, defeated and dispersed. What would have been the fate of the peaceable and unoffending inhabitants, if success had attended your rebellious designs, it is useless to conjecture: the invasion of a foreign foe would in all probability have been less destructive to property and life. It is for the crime of treason, committed under these circumstances, that you are called upon yourselves to answer; and by the penalty which you are about to suffer, you hold out a warning to all your fellow subjects that the law of your country is strong enough to repress and punish all attempts to alter the establish-

ed order of things by insurrection and armed force: and that those who are found guilty of such treasonable attempts must expiate their crime by an ignominious death.

January 31, the day fixed for the execution of the three convicts, Frost, Williams, and Jones, the greatest excitement prevailed. Monday, Feb. 3, Superintendent May arrived at Monmouth, bearing a reprieve, as also an order for the immediate removal of the state prisoners to the hulks, from whence they were to be transported for life. Five other state prisoners who had been sentenced to die, were to be confined in Monmouth gaol for three years, and then discharged. The total number of Chartists convicted throughout the kingdom during twelve months, ending January, 1840, was 209. Of these, 11 were sentenced to death, but had their sentences commuted to transportation for life. Among these were Frost and eight others, members of the convention; seven were sentenced to transportation from seven to 15 years; 74 to imprisonment from one to four years; and the remainder to imprisonment for shorter periods.

CHATEAU CAMBRESIS. See CHATEAU CAMBRESIS.

CHATHAM ISLE, one of the Galapagos, explored 1793.

CHATHAM, England. Here is established one of the principal royal dock yards, which was commenced in the reign of Elizabeth, since which, it has gradually increased in size and importance, and is one of the first arsenals in Europe. In the year 1588, Queen Elizabeth instituted a fund here, called the Chest of Chatham, for the relief of sufferers from the Spanish Armada, to which a small portion of the pay of the seamen of the navy and merchant service was to be contributed; this has since been removed to Greenwich, and placed under the direction of the Admiralty. Here is an hospital for decayed mariners, shipwrights, and their widows, founded by Sir John Hawkins, in 1592. The hospital has been rebuilt, after a graceful and excellent design. The Chatham pensioners have an allowance of 8s. per week, and the widows 7s., with coals. The castles of Upnor and Gillingham afford additional defence to the town, the former, built by Queen Elizabeth; the latter completely commands the river, by which the Dutch

fleet suffered severely in its attack on Chatham, in the year 1667. Fort Pitt is a strong fortress on an eminence, erected in 1803, and was originally enclosed for a military hospital.

CHATHAM, WILLIAM PITT, Earl of, one of the most illustrious of British statesmen, was born in November 1708. He received the early part of his education at Eton, as a scholar, on the foundation, and at the age of eighteen he was entered at Trinity College, Oxford. Through the interest of the Duchess of Marlborough, he obtained a seat in parliament before he was 21. His first appearance in the House was as representative of the borough of Old Sarum. He afterwards represented the city of Bath, where he continued till he was called up to the house of peers.

1746. Mr. Pitt was appointed vice-treasurer of Ireland, and soon after, paymaster general of the forces, and sworn a privy-counsellor. In 1755, he resigned the office of paymaster, on seeing Mr. Fox preferred to him. On Dec. 4, 1756, he was appointed secretary of state in the room of Mr. Fox, afterwards Lord Holland. But, having in the month of February, 1757, refused his assent to the carrying on a war in Germany, he was deprived of the seals on the 5th of April following. Upon this, the complaints of the people became so violent, that, on June 29, he was again appointed secretary, and his friends filled other important offices. The success with which the war was conducted is universally known; yet, on Oct. 5, 1761, Mr. Pitt resigned the seals into his majesty's own hands.

After his resignation, Mr. Pitt received for his services, a pension of £3000 a year. In 1766, he accepted of a peerage under the title of Baron Pynsent and earl of Chatham, and at the same time was appointed lord privy seal. His administration was fluctuating and unsteady; his own influence gradually declined, and upon his resignation in 1768, he was so far fallen in public estimation, that he was scarcely missed by the public.

The quarrel with the American colonies, commenced 1773, employed the remaining powers of this venerable patriot. April 7, 1778, the duke of Richmond having moved an address to his majesty, on the subject of the state of the nation, in which the necessity of

admitting the independence of America was insinuated, Lord Chatham deprecated in the warmest terms such a termination, as the ruin of British greatness. The duke of Richmond having replied to his speech, the earl attempted to rise a second time, but fell down in a convulsive fit; and though he recovered for that time, his disorder continued to increase till May 11, when he died at his seat at Hayes. A statue was erected to his memory at Guildhall, in 1782, and a bill soon after passed, by which £4000 a year was settled upon his family. His lordship had five children, among whom was the celebrated statesman, William Pitt. See PITT.

“The manners of Lord Chatham were easy, his conversation was spirited and gay, and he readily adapted himself to the complexion of those with whom he associated. By an irresistible energy of soul, he was haughty and imperious. He was incapable of associating councils, and he was not formed for the sweetest bonds of society. He was a pleasing companion, but an unpleasant friend. The ambition of our hero, however generous in its strain, was the source of repeated errors in his conduct. Patriotism was the source of some of his imperfections. He loved his country too well; or, if that may sound absurd, the benevolence at least, that embraces the whole human species, had not sufficient scope in his mind. He indulged too much a puerile antipathy to the house of Bourbon: and it was surely the want of expansive affections that led him to so unqualified a condemnation of American independency. But the eloquence of Lord Chatham was one of his most striking characteristics. Here he outstripped his competitors, and stood alone the rival of antiquity. His oratory was unlaboured and spontaneous: he rushed at once upon the subject; and usually illustrated it rather by glowing language and original conception, than by cool reasoning. His person was tall and dignified; his piercing eye looked through the souls of his opponents; his countenance was stern, and a voice of thunder sat upon his lips: anon, however, he could descend to the easy and the playful. His voice seemed scarcely more adapted to energy and to terror, than it did to the melodious, the insinuating, and the sportive. If, however, in the enthusiasm

of admiration, we can find room for the frigidity of criticism, his action seemed the most open to objection. It was forcible, but uniform, and somewhat ungraceful. In a word, the most celebrated orators of antiquity, were, in a great measure, the children of labour and cultivation. Lord Chatham was always natural and himself."

CHATILON SUR SEINE, Lord Castlereagh, and other diplomatic characters met at, for the negociation of peace, February 6, 1814.

CHATTERTON, THOMAS, a poet remarkable for his genius and his unhappy end, born at Bristol, Nov. 20, 1750; and educated at a charity school. At fifteen he was articled to an attorney at Bristol, where he formed that plan of imposing on the credulity of the public which he afterwards practised with considerable success. A number of chests had been deposited in Redcliffe church at the time of its erection in the 15th century; the keys to one of them being lost, it was broken open and some papers came into possession of young Chatterton, whose mind now labouring with a plan of deceiving the public, he pretended to have discovered the poetry of Rowley, a priest of the 15th century. In 1769, he addressed a letter to the Hon. H. Walpole, inclosing some specimens of the Rowleian poetry; that gentleman being assured by good judges that they were forgeries, sent him a very cool reply. Mortified by this treatment, Chatterton gave vent to his feelings by communications to the Town and Country Magazine. He afterwards removed to London, in search of literary employment. At first he met with good success; but no sooner did he find his visionary expectations in some respects disappointed, than his spirits failed him, and he sunk into indolence, poverty, vice, and melancholy. August 28, 1770, he was found dead, in consequence of having swallowed poison.

CHAUCER, GEOFFREY, the father of English poetry, was born at London in 1328. In 1367, he received from King Edward III. a pension of twenty marks per annum, a sum equal probably to £200 or £300 of modern money. His circumstances, he says, in his Testament of Love, were at this time so opulent, that he could live with dignity in office, and hospitality among his friends. His fortune was, however, reversed on the death of

Edward. The immediate cause of his misfortunes seems to have been his interference in a dispute between the court and the city of London, in which Chaucer took the civic side. In 1394, he obtained a pension for life of £20, and retired to Woodstock, where he spent the remainder of his days.

1398. Richard II. granted him a patent of protection, which has been generally supposed to be a protection from his creditors. He died October 25, 1400, and was buried in Westminster Abbey, where a monument was erected to his memory by a gentleman at Oxford, more than a century afterwards. His chief work, and that which will immortalize his name, is his "Canterbury Tales." The subject of the work is the journey of several travellers, going on pilgrimage to the shrine of Thomas á Becket at Canterbury, who agree to tell stories by the way, on condition that the one who tells the best story, shall have a supper at the expense of the rest.

CHAUMONT, TREATY OF, between Great Britain, Austria, Russia, and Prussia, March 1, 1814.

HAZELLES, JOHN MATTHEW, an eminent French mathematician and engineer, born at Lyons in 1657, and educated in the Jesuits' college of his native place, whence he removed to Paris in 1675. M. Du Hamel, secretary to the Royal Academy, introduced him to Cassini, and he was placed in the observatory, where he learned the practical part of astronomy. He made a voyage to the Levant, measured the pyramids of Egypt, and upon his return reported the particulars of his travels to the Academy of Sciences, and was admitted, in 1695, a member of their body. The memoirs of the academy to the year 1708, contain many of his communications. He died at Marseilles, 1710.

CHEAPSIDE-CROSS, demolished, on May 2, 1643.

CHELM, in Poland, 268 dwelling houses, and 107 warehouses of merchandise burnt, May 4, 1788.

CHELMSFORD, ESSEX, built, 1100; prison built, 1777, Chelmsford Church, walls and roof fell down, Jan. 17, 1800.

CHELSEA COLLEGE, began 1609, finished 1790; cost £150,000: physic-garden began 1732; bridge began 1762.

CHELSEA WATERWORKS, company of, incorporated, 1722.

CHELTENHAM, GLOUCESTER-

SHIRE. The mineral waters here were first discovered in the year 1718, at which period the first well was sunk; from this time they became the subject of particular investigation, and in the course of 40 or 50 years, the demand for them was so great, that serious apprehensions were entertained lest the supply should fail. In consequence of this, a new well was sunk, in 1778, by order of his late majesty George III., which is still called the king's well. Cheltenham was visited by their late majesties George III., and his queen, 1788.

In 1806, Mr. Thompson, who held a considerable part of the lands in the vicinity of the wells, determined to search for mineral water on his own estate. He succeeded much beyond his expectations; built a new pump-room, and spared no pains till he had secured an abundant supply of the waters. Till the year 1811, no magnesian salts had been discovered in the Cheltenham waters. At that period, Mr. Thompson sunk some wells at a considerable distance from the pumprooms, the waters of which were found to contain a great proportion of muriate and sulphate of magnesia. Several other wells have been subsequently sunk, as the Sherborne, Pittville, &c.

CHEMISTRY. There are occasional notices in the scriptures which imply some knowledge of chemistry. In the time of the patriarch Abraham, A.C. 1860, silver was employed as a medium of commerce. Mention is likewise made of an earring of gold and bracelets of the same metal, in Gen. xxiv. 22, A.C. 1857. It has been asserted, that Moses must have possessed considerable skill in chemistry to enable him to pulverize the golden calf, and to render it potable, as is related in Exodus xxxii. 20.

The ancient Egyptians cultivated chemistry to a great extent; they fabricated bricks, glass, and porcelain; they extracted natron or soda from the mud of the Nile; they prepared alum, sea salt, and sal-ammoniac; they were conversant with metallurgical processes, especially the working of gold and copper; they practised the art of silvering and gilding; they well understood the methods of extracting oils, preparing wine, vinegar, soaps, perfumes, plasters, and medicines; they dyed silks, &c., by means of mordants, and made use of burnt ashes

as caustic substances: in short, the knowledge of chemistry seems to have been that in which the Egyptian priests chiefly excelled. But none of the inquisitive Greeks who visited their country for improvement could ever obtain an insight into their mysteries, excepting only Democritus of Abdera, the author of the atomical philosophy, A.C. 400. He examined and prepared the juices of plants.

The Chinese, if we credit their own historians, were in very remote ages conversant with many parts of chemistry, as the alloying of metals, the manufacturing of paper, pottery, porcelain, &c., the preparation and uses of nitre, alum, borax, verdigris, sulphur, and mercury: they were acquainted with a variety of colouring matters, and practised with success the art of dying silk, and linen.

During the early centuries of the Christian era, an opinion began to prevail among some who applied themselves to chemistry, that a process might be discovered whereby the base ingredients might be decomposed and separated, and a portion of any mass of inferior metal turned into gold. The pretensions of the alchemists, as these philosophers were called, were at first limited to the production of gold from brass, copper, iron, &c.; but in process of time they proposed the total annihilation of diseases of every description. The fallacy of this art was, however discovered about the 16th century; early in the 17th it lost its credit; and finally, in 1669, a rational system of chemistry was founded on its ruins, by the publication of Beccher's *Physica Subterranea*, at Frankfort.

His pupil, George Ernest Stahl, simplified, improved, and extended the theory of his master with so much success, as to bring the science much nearer to a level with mechanical philosophy than it had heretofore attained. Stahl was born in Franconia in 1660. His system, of which the theory of combustion is the principal feature, was the result of a series of cautious and laborious researches, elucidated and confirmed by suitable experiments. The peculiarity of Stahl's theory consisted in the supposition, that every combustible body contains as one of its component principles, a certain substance called phlogiston; that the separation of this substance from the body constitutes fire, and that

its various combinations produce most of the other phenomena of chemistry. His ideas on this subject were first introduced to the public in a work entitled "Fundamenta Chemiæ," published in 1723. In 1732, a collection of experiments, with directions for repeating them, more ample and complete than any thing of the kind that had ever appeared, was published in a system of Chemistry, by Herman Boerhaave, an accurate and accomplished philosopher, and the most celebrated physician of the age. He died in 1738.

Peter Joseph Macqueer, born at Paris in 1715, in his Dictionary of Chemistry, published in 1766, describes the different chemical substances and instruments, examines and explains the theories, points out requisite improvements, and states the existing errors and imperfections, with clearness.

The authority of Stahl, which had for half a century been implicitly followed, and considered as decisive, was about the same time called in question, by Andrew Sigismund Margraaf, a German chemist, whose experiments on phosphorus shook the foundation of the Stahlian or phlogistic theory. We are indebted to the researches of this ingenious chemist for several important discoveries, and among the rest, according to some accounts, for that of the metal called manganese. He was an indefatigable member of the academy at Berlin, where he died in 1782.

Torbern Bergman, a native of Catharineburg, in West Gothland, born in 1735, professor of mathematics and natural philosophy at Upsal, introduced into the science "an order, a perspicuity, an exactness, which were unknown before;" and to this has been universally ascribed the rapid acceleration of its progress, which subsequently was observed to take place. He collected all the different chemical substances and their products, and formed them, with the most exact method, into a cabinet; in a second he placed, the minerals of his own country, arranged according to the places whence they were obtained; a third cabinet consisted of the models of all the instruments used in chemistry and its kindred branches. He discovered in some measure the nature of fixed air, made a number of curious and important experiments on the regulus of manganese, the terra ponderosa, and

other substances. He died 1784. Charles William Scheele, born in 1742, followed out the discoveries of Bergman.

Discoveries were made in Scotland about the same time, which changed the apparatus and mode of reasoning, reduced under the dominion of chemistry a number of invisible substances heretofore considered as too subtle for examination, and thus occasioned a complete revolution in the science. Dr. Joseph Black had ascertained, as early as the year 1755, that certain changes are to be ascribed to the combination or separation of a peculiar kind of air, different in its properties from the common air of the atmosphere. He found that lime, when combined with this air, is in a mild state of limestone; but when this air is expelled by calcination, the limestone has, during the expulsion, changed its properties: namely, it is reduced from the mild to the caustic state, and its weight is considerably diminished; also this loss of weight he proved to be exactly equal to the weight of the air that had been expelled. Thus it became known, for the first time, that aerial substances form combinations with solid bodies.

This is the era of the commencement of pneumatic chemistry, which has since engaged the principal attention and labours of the chemists. The properties of fixed air, and of hydrogen gas, were likewise investigated by Mr. Cavendish, who discovered that water is not a simple element, as had been formerly asserted, but that it is composed of pure or vital air, and inflammable air; or, in chemical language, of oxygen and hydrogen. About the year 1770, the subject was taken up by Dr. Priestley, who acquired splendid reputation by the discovery of a great variety of aerial fluids.

1770. The celebrated Lavoisier, repeated the principal experiments of the English and German chemists, and verified their results; and the new views he in the meantime obtained, discovered to him not only the imperfections of the phlogistic theory of Stahl, but that it was totally irreconcilable with the recent discoveries in pneumatic chemistry. He succeeded so far as to be himself perfectly satisfied with the justness of his own conclusions; but a considerable time elapsed before he could gain a single convert to his theory.

At length Mr Cavendish, by his

discoveries of the composition of water, and of nitric acid, removed the principal objections, and enabled him to explain his new doctrine in a satisfactory manner. M. Berthollet was the first who adopted Mr. Cavendish's theory, to which he declared himself a convert in 1785. Fourcroy did the same two years after, and his example was followed by Guyton Morveau, and most of the chemists in France; as likewise by Mr. Kirwan, Dr. Black, and a majority of the British chemists. The Lavoisierian system has undergone a material change, by the researches of Sir H. Davy, and others, of a more recent date, published in his *Chemical Philosophy*, 1812, and in the *Philosophical Transactions* up to the year 1839. See the article DAVY.

1839. New discoveries in chemical science are continually being made. Among the researches communicated to public societies this year, are those of professor Daubeny, of Oxford, on the laws of chemical combination, and his theory of Volcanos; Bequerel on the chemical power of solar light; Fuche on the formation of rocks, &c.

CHEPSTOW, on the Severn, a boat near the town upset, by which, out of a party of eight ladies and gentlemen, five were drowned, Sep. 22, 1812. Howick Farm, near this town, set on fire, by which two buildings, containing each an extensive thrashing machine, were destroyed, and a man who slept in one of the buildings perished, Oct. 14, 1815.

CHERBURG, or CHERBOURG, a naval depôt, and one of the principal establishments belonging to the French marine. A battle was fought off this port in 1692. The place was invested by the English in 1758, and afterwards abandoned. From the reign of Louis XV., improvements have been continued here, a wet dock constructed, and an artificial roadstead formed, by sinking at intervals, large cones of wooden framework, filled with stone; these, however, broke adrift, and now form a kind of breakwater. This celebrated work cost £2,000,000.

This failing in its object, Napoleon commenced the excavation of an harbour on the west shore of the roadstead, a short distance from the town of Cherbourg. In 1813, a basin was formed of 1000 feet long, 700 feet broad, and 50 feet deep, capable of containing 50 sail of the line; but it is found to fill with sand

and mud, and is subject to the sea swell occasionally. A wet or floating dock of nearly the same dimensions, commenced by Napoleon in 1813, has since been completed, in 1820. Total cost of these great improvements, £5,000,000.

CHERDIC, third Saxon monarch in England, arrived in Britain, and overcame Arthur, near Chard, in Somersetshire, 519. Began the kingdom of the West Saxons, the same year. Died, 534.

CHEROKEE NATION. Five kings of the Cherokee Indians were brought to England from Carolina, by Sir Alexander Cummins, Oct. 1, 1730, and presented to his majesty, when they submitted themselves, with their country, to the crown of Great Britain. Three others arrived in 1762; three more in 1766; and others again in 1791.

CHERRIES brought from Pontus to Rome by Lucullus, A.C. 70; from the Canary Islands to Affane, in Ireland, by Sir Walter Raleigh, about A.D. 1579.

CHERRY-TREES first planted in Britain A.C. 100; brought from Flanders, and planted in Kent, where an orchard of 32 acres produced in one year, £1000 worth, A.D. 1540.

CHERTSEY ABBEY, founded 664.

CHESAPEAKE BAY, discovered by John Smith, 1607. Difference with America respecting it, amicably adjusted Nov. 18, 1811.

CHESELDEN, WILLIAM, celebrated anatomist, born at Burrow-on-the-Hill, Leicestershire, in 1688; apprenticed in 1703, to Mr. Wilkes, a surgeon at Leicester; commenced lecturing in surgery and anatomy as early as the year 1711, when he was only 23 years of age. The same year he was elected Fellow of the Royal Society. In 1713, he published his "Anatomical Description of the Human Body," in 8vo., with plates. In 1729, he was elected a corresponding member of the Royal Academy of Sciences at Paris; and in 1732, made Foreign Associate to the Royal Academy of Surgery, then newly instituted. He had before been appointed principal surgeon to queen Caroline, to whom he dedicated his splendid work on the Bones, published in 1733, in folio. In 1739, was appointed surgeon to Chelsea hospital. In 1751, he was seized with a stroke of palsy which induced him to go to Bath; he died in a fit of apoplexy, April 11, 1752, aged 64.

† CHESS. The learned Hyde has un-

The first book printed in the English language was a treatise on the game of Chess. The origin of ye game is lost in ye mists of ye most remote antiquity. Homer makes

dertaken to show, from undoubted authorities, that this game was first invented in India, and passed from thence to Persia before the year 576, and from Persia to Arabia. He adds, that the antiquity of this game is traced much higher, or to the middle of the 2nd century, in an Irish chronicle, but the authenticity of it is doubtful. The game of chess, was a common game at Constantinople in the 12th century, when Anna Comnena flourished. The first crusaders, often remained for some time at Constantinople, and thus probably became acquainted with this game, which, on their return, they introduced into their respective countries.

Among the European nations, it was first known to the Italians; and we find by Boccace, who lived in the 14th century, that it was a most common amusement at Florence. It was probably introduced into England during the 13th century, upon the return of Edward I. from the Holy Land, where he continued so long, and was attended by so many English. In the 16th century, it was much played in this kingdom; and in the 17th century, the treatise intitled "The Calabrian," was translated from the Italian into French, and might have contributed to revive the game after it had been supplanted, as it had been with us, by the more general amusement of cards. At a late period, and even in our own times, Philidor, who was born at Dreux, was the most distinguished champion in this game. It is well known, that he could play two games against able adversaries, and generally beat them, without seeing either of the boards.

CHEST OF CHATHAM, for the relief of seamen, instituted 1558, enforced by law, 1590. See **CHATHAM**.

CHESTER, called by the Romans Cestria, or Ceaster; from castrum, a camp or military station, which it seems to have been made previous to Agricola's expedition to Scotland. That commander made it the head quarters of the twentieth Roman legion, whence the Britons gave it the name *Caer-Fleonvawr*, or the camp of Great Legion on the Dee. The Roman modes of fortification are still evident in the remains of military architecture which surround the city. From Doomsday Book, it appears that in the reign of Edward the Confessor, Chester contained 431 houses

that were taxable, besides 56 that belonged to the bishop.

Chester, for two or three centuries from the conquest, was the place of rendezvous for troops employed in the Welsh expeditions, and frequently suffered during the contest between the two nations. Llewelyn ap Gryffydd carried fire and sword to the gates of the city, and destroyed every thing round it, in 1255. This city was appointed by Edward I. in 1275, to receive the homage of Llewelyn; a degradation to which that prince refused to submit, and was in consequence involved in the war which proved fatal to him and his country; his subjects being obliged to acknowledge the sovereignty of England, and make homage and fealty of their lands to Edward of Caernarvon, prince of Wales, who received their submission in this city in 1300.

Richard II. converted Chester into a principality; and having annexed to it the castle of Holt, with several lordships in Wales, and on the borders, made an act that it should only be held by the king's eldest son; but this was rescinded by Henry IV., who, in 1399, seized the city and castle, when on his way to Flint, where Richard was then imprisoned, through the treachery of those in whom he had confided.

During the civil war in the time of Charles I., Chester sustained many sieges, resisting the parliamentary forces for three years, till the siege being converted into a regular blockade, they surrendered on honourable terms, February 3, 1645-6. Within two years the city was visited by a dreadful pestilence, which carried off more than 2000 persons, and reduced the place almost to a desert.

The Norman earls invested Chester with great privileges, which were confirmed by Henry III., in whose reign its government assumed the form of a regular corporation. The succeeding sovereigns granted various charters and immunities. The date of the last is 1676, Charles II.

The port of Chester was much improved during the last century. The great breadth of the estuary of the Dee, and the comparative smallness of the body of water flowing through it, rendered it liable to be choaked up with the sand brought in by the tide; and this gradually so increased, that vessels of

twenty tons could scarcely reach the town. In 1674, a plan was formed to make a new channel for the river, and at the same time to recover, by embankment, a large tract of land from the sea. Between the years 1730 and 1750, a company was established to execute this project; and different powers were granted from time to time by the parliament. In 1829, a new bridge, of a single arch was begun over the Dee. The span of the bridge is 200 feet, being the largest stone arch ever built, the road-way 33 feet, the elevation from low-water mark, 54 feet.

CHESTER BISHOPRICK. About 785, Chester became incorporated with Litchfield. This attracted the attention of Peter, bishop of Litchfield, who removed his episcopal seat to Chester, in 1075. His successor established himself in the former diocese, and Chester remained without a bishop till after the suppression of the monasteries, when it was restored to its primitive honour by Henry VIII., who, in 1541, made it one of the six new sees that were then formed. The first of the new bishops, John Bird, in 1546, granted the manor and demesnes of the bishopric to the king, and accepted impropriations and rectories in exchange. The see was thus deprived of all its possessions; and, although the greatest in extent of any in England, is of the smallest value.

CHESTERFIELD, PHILIP DORMER STANHOPE, EARL OF, born at London in 1694. In his 18th year he entered Trinity Hall, Cambridge. On quitting the university, he made the usual tour of Europe. About the time of the demise of Queen Anne, on his return to England in 1715, he was presented to the new sovereign, George I., and appointed one of the gentlemen of the bed-chamber to the prince of Wales. He was elected member of parliament for one of the Cornish boroughs, and commenced as speaker in the debate respecting the impeachment of the persons concerned in the peace of Utrecht.

1726. On the death of his father, he entered the house of lords, and joined the opposition. Soon after the accession of George II., Lord Chesterfield was nominated ambassador at the Hague. In 1730, he was appointed high steward of the household, and he was at the same time decorated with the order of the garter. He now returned

to Holland, and was instrumental in forming an important treaty between the courts of London and Vienna, and the States-general. In 1732 he obtained his recal, and, on his return, he supported the plans of the prime minister. He married, in 1733, the countess of Walsingham, neice, or probably daughter, of the duchess of Kendal.

1744. He was again sent out as ambassador to the United Provinces. He engaged the Dutch to concur in earnest in the war against France; and returned in 1745, at the time of the breaking out of the rebellion in Scotland. He was next sent lord-lieutenant of Ireland; and, during his administration there, gave general satisfaction to all parties. He left Dublin in 1746, and in October succeeded the earl of Harrington as secretary-of-state, in which post he officiated until Feb. 6, 1748.

Being seized with a deafness in 1752, that incapacitated him for the pleasures of society, he, from that time, led a private and retired life. He died in March, 1773, in the 79th year of his age. He left no issue by his lady, but had a natural son, Philip Stanhope, Esq., whose education was for many years a close object of his attention. His "Letters" to him, published after the death of Lord Chesterfield, contain many fine observations on mankind, and rules of conduct; but it is observable that he lays a greater stress on exterior accomplishments and address than on intellectual qualifications and sincerity, and allows greater latitude to fashionable pleasures than good morals will justify, especially in paternal instructions.

CHEVELINE, third king of the West Saxons, and fifth monarch of England, succeeded his father, 560. Seized on Sussex in 590. Abdicated in 591, and died in banishment in 592.

CHEYNE, GEORGE, a physician and medical writer, a native of Scotland, born in 1670. As he was a voluptuary, and had a disposition to corpulency, which produced various diseases, he determined on altering his mode of living. Accordingly he confined himself to milk and vegetable diet, and submitted to a *total abstinence* from fermented liquors. The experiment succeeded, and, struck with the benefit he had received, he published in 1722, an "Essay on the true Nature and due Method of treating the Gout." His next publication was

his famed "Essay on Health and long Life." 8vo. in 1724. In 1733, he published his "English Malady," or treatise on nervous diseases, which became very popular. He died at Bath in 1742, being 72 years of age.

CHIANNI, famous oriental scholar, died at Warsaw, 1832.

CHIARO-OBSCURO, the art of distributing the lights and darks in a picture, in such a manner as to give at once proper relief to the figures. The engravers, from the earliest period of their art till the time of Rubens, never attempted more than to give to each object in their engravings its proper lights and shades, leaving to painting alone the privilege of producing effect of chiaro-scuro, by the opposition of objects of dark local colour to light ones. But engravers at present, by adopting a different principle, are enabled to make the effect of their prints, so far as relates to chiaro-obscuro, as rich and powerful as it is in the pictures they copy: this is done by giving, besides the lights and shades, the relative lightness or darkness of the local or proper colour of each object in the picture, thereby producing what is called by artists the tone of the picture.

Chiaro-obscuro was but very imperfectly understood till the time of Masaccio, near the middle of the 15th century; the painters, prior to this period, having had very little idea of what are called projecting shadows. Leonardo da Vinci, towards the end of the 15th, and the beginning of the 16th century, was the first who, in his admirable writings, as well as in his pictures, treated the subject of chiaro-obscuro scientifically. Caravaggio, who flourished at the end of the 16th century, and Guercino, who came soon after, produced the most powerful effects of chiaro-obscuro.

CHICHELE or **CHICHLEY**, founder of All Souls' College, Oxford, born at Higham Ferrars, Northamptonshire, 1362, admitted at New College, Oxford; afterwards chaplain to Robert Medford, bishop of Salisbury, by whom, in 1402, he was promoted first to the archdeaconry of Salisbury, and afterwards to the chancellorship of that diocese. He was employed by Henry IV. and V. in various important negotiations, and was promoted to the see of St. David's by the pope, who consecrated him with his own hands. In 1414, he was translated to the see of Canterbury.

1421. He crowned Queen Catharine in London, and, during that year, he baptized Prince Henry, who, when he came to the crown, ever treated him with a sort of filial respect. He was a liberal benefactor to the university of Oxford, and in 1438, founded All Souls, one of the noblest foundations in the university. Died in 1443, and was buried in a monument which he had himself erected in Canterbury cathedral.

CHICHESTER, called by the Romans Regni or Regnum, was the residence of the Roman proprætor. At the Roman conquest, there were, according to the doomsday-book, one church and above 100 dwelling-houses within the walls; and soon after that event, Hugh de Montgomery was created by the conqueror, earl of Chichester and Arundel. Having obtained leave of his monarch to establish a see in his newly-acquired town, he granted the whole south-west quarter of it to Sitgandus, who was the 22nd abbot or bishop of Selsea, and the first of Chichester. In 1187, a devastating fire destroyed nearly the whole city; and the wood work with some other parts of the cathedral were consumed or considerably injured.

The present cathedral was founded during the prelacy of Bishop Seffrid, who, assisted by six other prelates, consecrated the church on the second of the ides (i. e., the 12th day) of September, 1189. The ornaments of the interior, the stalls of the choir, and the paintings on the ceilings were executed in the time of Bishop Sherburn, who was translated to this see in 1508. Chichester sent members to parliament in the 23rd year of Edward I. and had a charter granted in the reign of James II. 1685.

CHIERASCO, TREATY OF, by which the duke of Nevers finally took possession of his Mantuan territories, 1631.

CHILDHAM CASTLE, Kent, built A. C. 182.

CHILDREN forbidden by law to be sold in England, 1600, bill regulating their labour in factories 1833, 1834. See **FACTORIES**.

CHILI or **CHILE**, one of the new republics of South America. In 1535, the Spaniards first visited it, and were received by the Chileans with respect; but in consequence of a massacre of some of their chief men, by order of Almagro, the Spanish general was defeated with loss, upon which the Spaniards re-

turned to Peru in 1538. Pizarro dispatched Pedro to Valdivia, in 1540, with 200 Spaniards, and a numerous body of Peruvians to Chile, for the purpose of settling such districts as he should conquer: Valdivia succeeded, and founded the city of Santiago, Feb. 24, 1541. In 1550, he founded the city of Conception. The Araucanians, however, attacked, defeated, and took him, Dec. 3, 1553.

1598. The Araucanians put to death every Spaniard whom they found outside of the forts; Villanca, Valdivia, Imperial, and several other towns, were attacked and taken, and Conception and Chitlan were burnt. In 1641, preliminaries of peace were settled between the marquis of Baydes, then governor of Chile, and the Araucanians, which lasted for many years. In 1742 new territorial divisions were formed by Don Josef Merilo, who also founded several new towns. During the remainder of the 18th century, Chile appears to have enjoyed tranquillity until the late revolutionary movements.

1810. The people took the government into their own hands; and, in 1818, made a declaration of absolute independence, which has been hitherto uninterrupted, and recently acknowledged by Portugal. The supreme authority was administered by an elective magistrate, called the supreme director, until May, 1827, when a president was substituted, in imitation of the government of the United States.

1836. The Chilians repelled an invasion which suddenly came upon them, in the month of July from the Peruvian government. In 1837, an expedition against Peru was sent out by the Chilians; who captured Arica and Arequipa: treaty of Paucaparta, Nov. 17, which the government refused to ratify. In July, 1838, capture of Lima and Callao by the Chilians.

CHILLINGWORTH, WILLIAM, distinguished as a theologian, was born at Oxford in October, 1602. He was admitted a scholar of Trinity college in the year 1618, and after taking the usual degrees, was elected fellow of his college in 1628. Soon after, he was converted to popery, through the subtilty of John Fisher, a jesuit, at whose instance he went to the college of Douay. In 1634, having changed his sentiments, he wrote

a paper in confutation of the arguments by which he had been seduced.

1637. He published a work entitled, "The Religion of Protestants a safe way to Salvation," which is one of the ablest defences of the Protestant cause. In 1638, he was promoted to the chancellorship of Salisbury, with the prebend of Brixworth in Northamptonshire, annexed to it, and in 1640, he was deputed as proctor by the chapter of Salisbury to the convocation. He died in the month of January, 1643-4, and was buried, according to his own desire, in the cathedral church of Chichester. His private character was marked by sincerity, candour, and benevolence: and, according to Lord Clarendon, "he was a man of excellent parts, and of a cheerful disposition, void of all kind of vice, and endued with many notable virtues; of a public heart, and an indefatigable desire to do good; his only unhappiness proceeded from his sleeping too little, and thinking too much, which threw him into violent fevers."

CHILOE' ISLE, off the coast of Chili, South America. It is the principal of a group of the same name, including 47 islands. It was discovered in 1558 by Don Garcia de Mendoza. Chiloè was the last possession held by Spain in the Pacific, and, at the end of the year 1825, it was still in their possession. Political disorder, and the military assistance furnished to Bolivar for the liberation of Peru, had hitherto disabled the government of Chili from attempting its subjugation, but, in the beginning of the year 1826, they fitted out an expedition, and succeeded in reducing it. The inhabitants were induced to accept the terms offered them by the government of Chili, viz., to be governed by a civil governor from the island, and to protect themselves by their own militia.

CHIMBORAZO MOUNTAIN, South America, the loftiest of the Cordillera of the Andes, 21,440 feet above sea level. In 1745, it was ascended by Condamine, to the height of 15,815 feet; and in 1802, Humboldt and Bonpland reached to within 2140 feet of the highest summit.

CHIMES on bells, invented at Alost, 1487.

CHIMNEYS. It has been a question whether or not the ancients were acquainted with their use. The use of

chimneys, if it ever obtained among the Romans, was superseded by that of stoves and flues; this practice was probably introduced about the reign of Nero. In the houses discovered at Herculaneum and Pompeii, there were no chimneys; but they appear all to have been warmed by the means of flues, and a subterraneous furnace, or hypocaustum. The writers of the 14th century seem either to have been unacquainted with chimneys, or to have considered them as the newest invention of luxury.

The oldest certain account of chimneys that has occurred to Beckmann, in his researches, is in the year 1347; for an inscription at Venice, records that at the above period, a great many chimneys were thrown down by an earthquake. He adds that the first chimney-sweepers in Germany came from Savoy, Piedmont, and the neighbouring territories, and these for a long time were the only countries where the cleaning of chimneys was followed as a trade. Hence, he conjectures, that chimneys were invented in Italy.

Dr. Franklin is the first who has treated this subject in a philosophical manner, and in his "Observations on the Causes and Cure of Smoky Chimneys," published in 1785, he has very satisfactorily explained all the usual causes of this defect, and shown their remedies. To this pamphlet, succeeded the essay of Count Rumford, in 1796, whose improvements have been very generally followed in the construction of fire-places.

The act, 4 Will. 4. c. 35, 1834, directs that all widths and partitions between any chimney or flue shall be built or re-built of brick or stone, and at least equal to half a brick in thickness; and every breast, back, and width or partition of any chimney or flue hereafter to be built or re-built, shall be built of sound materials, and the joints of the work well filled in with good mortar or cement, and rendered or stuccoed within; and also that every chimney or flue hereafter to be built or re-built in any wall, or of greater length than four feet out of any wall, not being a circular chimney or flue of 12 inches in diameter, shall be in every section not less than 14 inches by nine inches; and no chimney or flue shall be constructed with any angle therein, which shall be less obtuse than an angle of 120 degrees; and

every salient or projecting angle in any chimney or flue, shall be rounded off four inches at the least; upon pain of forfeiture, by every master builder or other master workman who shall make or cause to be made such chimney or flue, of £100, to be recovered by any person who shall sue for the same; but provided, nevertheless, and be it enacted, that nothing shall prevent chimnies or flues being built at angles with each other of 90 degrees or more, such chimneys or flues having therein proper doors or openings not less than six inches square.

An able critic, in a recent number of the London and Westminster review, observes, that "one very common cause of smoky chimneys, where no apparent reason can be discovered, arises from the practice of using boys to sweep them. For a flue to draw well, it is essential that there should only be two openings into it, one at the bottom, the other at the top. New chimney-flues are divided from one another by single courses of bricks in width, or half-brick." These flues are built with lime mortar, which is soon restored to the state of quick lime by the heat of fire, and falling out in powder, leaves gaping chinks for misdraught between the bricks, destroying the continuity of the flue. To provide, in some measure, against this evil, the inside of the flue is coated with lime-mortar and cow-dung, which the climbing-boys frequently break away, and the chimney, opening into chinks, produces an imperfect draught. This is an evil, for which there is no remedy, except rebuilding the chimney. Were it the practice to use iron tubes, built into the thickness of the walls, or to introduce iron columns upon the face of the walls, covering them in the apartments with perforated screen partitions, the great source of evil would cease, and the still greater evil, the crime, the degradation of humanity, would cease also." (Year Book of Facts, 1839, page 75.)

Chimneys have been recently constructed of extraordinary height. An immense chimney, attached to the new cotton factory, built for Messrs. Dixons, in Shaddongate, near Carlisle, has lately been completed. It is one of the highest buildings in England, being 305 feet from the ground; of octangular form, of brick, with stone angles. The base, which is built with fire-bricks, is seven-

teen feet eight inches wide inside, and the foundation wall is ten feet thick. It tapers upwards to a width, inside, of six feet three inches; and on the outside, eight feet nine inches. Near the top is a cornice of stone, seven feet in depth, which projects three feet; and above this are eight feet three inches of brick-work, surmounted by a coping-stone one foot thick. The builder is Mr. Richard Wright, of Carlisle. The erection was carried on from the inside, stages being erected as the work proceeded, and the workmen and materials being taken up in boxes by a crab worked by four men. The whole structure resembles some splendid national monument.

The chimney recently erected at Mr. Muspratt's chemical works, at Newton, is stated to be the highest in England: it measures 132 yards 1 foot (397 feet, 4 inches.)

CHIMNEY-SWEEPERS, on the ground of humanity, have frequently engaged the attention of benevolent individuals, and latterly, of the legislature. By stat. 28 Geo. III. c. 48, the churchwardens and overseers of the poor of any parish, might formerly bind any boy of the age of eight years and upwards, who was chargeable to the parish, to any person following the trade of a chimney-sweeper, till he shall attain the age of sixteen years. At the close of last century the evils of this disagreeable and unwholesome occupation to those engaged in it were generally acknowledged; the public attention was directed to this subject, and premiums were offered for the discovery of methods which might be substituted for a practice so offensive to humanity.

1802. A number of public-spirited and wealthy persons, associated for this purpose, applied to the "Society for the encouragement of Arts, Manufactures, &c.," in the Adelphi, requesting them to engage in it, and to offer premiums on the subject. In consequence of this application the society offered their gold medal to the person who should invent the most effectual mechanical or other means for the cleansing chimneys from soot, and obviating the necessity of children being employed within the flues. Two patents were taken out in the year 1803, one by Mrs. Bell of Hampstead, and one by Mr. Davis, of Bloomsbury.

1834. The act 4. Will. IV. c. 35, for the better regulation of chimney-

sweepers and their apprentices, and for the safer construction of chimneys and flues, repeals that of 28 Geo. c. 48, before mentioned, and further enacts that, no child under ten years shall be apprenticed to a chimney-sweeper; that chimney-sweepers, taking apprentices under 14, shall be householders, and rated to the poor, or assessed for payment of taxes. Penalty on chimney-sweepers for employing children under 14 years of age, not apprentices, not exceeding £10, nor less than 40s. Requiring any person to ascend a flue to extinguish a fire, a misdemeanor. Binding, or assignment of apprentices to chimney-sweepers shall take place by consent of two justices, and be indorsed on the indenture. No master or mistress chimney-sweeper shall have more than two boys at any one time on trial, nor more than four apprentices, &c.

CHINA. It has been generally supposed that the Chinese maintain an antiquity of myriads of years, and that their historical records are at such variance with the comparatively recent account of Moses, as to oblige us either to question the one or the other. The fact is, however, according to Mr. Medhurst, late missionary to that country, in his work on the "History and Prospects of China," 1838, that the Chinese, like most other heathen nations, have a mythological as well as a chronological period; the one considered by themselves as fabulous, and the other as authentic. Thus, Chinese authors of the greatest reputation agree in considering the first part of the Chinese history as entirely fabulous. The whole is probably based on some indistinct recollections of the theory of the creation. Of the first man they say, that "soon after the period of emptiness and confusion, when heaven and earth were first separated, Pwan-ko was produced; his origin is not ascertained, but he knew intuitively the relative proportions of heaven and earth, with the principles of creation and transmutation."

According to the most authentic accounts, there is reason to believe that this kingdom was founded by Fohi, or Füh-he, 144 years after the deluge, A. C. 2204, and that Fohi was none other than Noah, who, having lived to witness the growing depravity of his children and their descendants, retired with a chosen few to this corner of the earth,

and there ended his days in peace. Chinese historians, however, affirm that Fohi began to reign A.C. 3211.

According to the best information that the peculiar manners and language of this singular people will permit us to obtain, they can trace a clear and uninterrupted succession of 239 sovereigns from Fohi to the present emperor. Fohi was said to have been born in the province of Shense; when he grew up, was, on account of his superior merit, styled T'een-tse, "emperor," literally "the son of heaven." Having appointed officers to preside over different departments of his government, he afterwards granted territory to four mandarins, and died after a reign of 115 years. From the year A.C. 2204, the whole of the Chinese emperors, according to their annals, are comprehended in 22 dynasties.

The 1st imperial dynasty Hea, containing 18 emperors, commenced A.C. 2204, and lasted 438 years.

The 2nd imperial dynasty, called Shang, or Tang, containing 28 emperors, is full of uncertainty, and its duration is said by one historian to be 496, and by another 600 years; it commenced A.C. 1766. The Shoo-king (an historical work of Confucius, which happily escaped the general destruction of books, ordered by the emperor Tsin-che-hwang-te, about 213 years before Christ) gives the same account of Ching-tang, the first emperor, A.C. 1766, as of all the founders of the Chinese dynasties, namely, that he dethroned the reigning family, by pretending to have authority from heaven to take arms against them.

The 3rd dynasty, called Chow, containing 34 emperors, commenced A.C. 1122, and was founded by Woo-wang, after a long and dreadful war. In this period the empire was attacked from several quarters, and, in some instances, with success. In the reign of Seu-en-wang, A.C. 651, Se-ma-ts'een, the first historian of China, begins to fix dates to his narrative.

The most celebrated prince of the 4th dynasty (Tsin, containing five emperors, commenced A.C. 255) was She-hwang-te, who completely re-established the power of the emperor, and extended its boundaries by new conquests.

The 5th dynasty Han, containing 29 emperors, commenced A.C. 202. Lepoo-pang, the founder, raised himself from the rank of a common soldier to

the throne of China. During this dynasty the Chinese conquered many neighbouring provinces, but towards the close of it the empire was divided into three kingdoms.

The 6th dynasty, How-Han; (How, signifies "after," or second Han,) containing one emperor, commenced A.D. 221, continued to be disturbed by tumults.

The 7th dynasty, Tsin, containing 15 emperors, commenced 265, was a scene of wars and struggles for the empire, so that very few of the princes died a natural death.

The 8th, Sung, containing eight emperors, commenced 420; Woo-te, the founder, was of the lowest origin.

The 9th dynasty, Tse, containing five emperors, commenced 479. The two last emperors of the last dynasty were murdered by their prime minister, Kaou-te, who became the founder of the ninth dynasty. During this period, the atheistical philosopher Fan-shin appeared, whose opinions were eagerly embraced by many of the illiterate.

The 10th dynasty, called Leang, containing four emperors, commenced 502, Woo-te, the founder of the tenth dynasty, was the most able of all its princes, but became at length so fond of the bonzes, that he resolved to become one of their order. During this dynasty the northern empire was divided into two kingdoms, the eastern and the western.

The 11th dynasty, called Chin, containing five emperors, commenced 557. The princes of this dynasty are represented as wise and virtuous monarchs. In the reign of W'an-te the night watches were first intimated by the beating of the drum.

The 12th dynasty called Suy, containing three emperors, commenced 581. Yang-k'een, the founder of this dynasty, re-united the northern and southern empires. He was a prince of good understanding, and great moderation.

The 13th dynasty called Tang, containing 22 emperors, commenced 618. Kaou-tsoo, one of the petty princes of the empire, founded this dynasty. The second prince, T'ae-tsung, was the most celebrated and virtuous of the Chinese monarchs; and his empress was not less remarkable for her excellent qualities. It was during this reign that some Nestorian christians were permitted to preach their tenets in China.

The 14th dynasty called How-Leang, containing two emperors, commenced 107. This dynasty was founded by Tae-soo, who having been ordered by the emperor Chaou-tsung to massacre the eunuchs, on account of their ambition and insolence, afterwards murdered the prime minister and the emperor. During this and the four following dynasties, the Tartars established a powerful government in the north of China.

The 15th was called How-Tang, containing four emperors, and commenced 123. Chwang-tsung, son of the celebrated one-eyed general, Le-ke-yung, assuming the name of Chwang-tsung, founded the 16th dynasty.

The 16th was called How-Tsin, containing three emperors, and commenced 136. During this dynasty, the Tartars obliged its founder, Kaou-tsoo, to pay an annual tribute. By their assistance, the general of the army took possession of the throne, and under the name of Kaou-tsoo, founded the following dynasty.

The 17th was called How-Han, containing four emperors, and commenced 147. This short dynasty was entirely occupied by the wars with the Tartars. The imperial general Ko-he, returning victorious from an expedition against them, was proclaimed emperor by the army, and founded the 18th dynasty.

This dynasty called How-Chow, containing three emperors, commenced 195. The third emperor, Kung-te, being only seven years old at the death of his father, his prime minister was invested by the nobles with the imperial dignity, under the name of Tae-tsoo, and became the founder of the 19th dynasty.

The 19th was called Sung, containing 18 emperors, and commenced 960. This dynasty continued for 318 years, but its founder was its most celebrated prince. He checked the Tartars, restored peace to the empire, and was remarkable for his generosity and humanity. In the reign of Kin-tsung, the 13th emperor, the power of the western Tartars arose, and they subdued those of the east. In the reign of his successor they gained possession of the northern provinces, advanced to the centre of the empire, slew or banished to Tartary three children, who were successively heirs to the throne, and after a most sanguinary conflict, gained a complete victory, and terminated the power of the Sung family.

The 20th was called Yuen, containing

10 emperors, and commenced 1260. The conqueror assumed the name of She-tsoo, and founded this dynasty. Though he was the first foreign prince that governed the Chinese, he reconciled them to his administration, by adhering as much as possible to their ancient laws and customs, as well as by his love for learned men, and his uniformly equitable and tender conduct to all his subjects; so that to this day, his reign is called by the Chinese, "The wise government." His most wonderful, as well as most beneficial undertaking, was that of constructing a canal of 1500 leagues in length, for the purpose of conveying the merchandise of the southern provinces to the metropolis.

The 21st dynasty called Ming, containing 18 emperors, commenced 1368. Tae-tsoo founded this dynasty. He is celebrated as a prince of great piety and wisdom, and obtained universal applause. The empire did not, however, long enjoy the peace which he established, for every reign of this dynasty is marked by internal contests, or the inroads of the Tartars. T'een-ming, a Tartar prince, entered China with a powerful army, but sent proposals to withdraw, on receiving satisfaction for the injuries he had sustained, which being treated with contempt, he marched at the head of 50,000 men, into the province of Pih-che-le; but being checked by the Chinese forces, he retired to Seaou-tung, where he assumed the title of emperor. A few years afterwards, the Tartar forces triumphed over all opposition, and Sun-che, a Tartar prince, founded the last dynasty.

The 22nd, or reigning dynasty, is called Ta-Tsing, containing five emperors, and commenced 1644. During the first 10 years, new claimants to the throne, connected with the former family, were perpetually arising. One of these was supported by the celebrated captain of pirates, Chin-che-lung, who by degrees attained so much power and influence, that the emperor unable to resist him, bribed him to join the imperial army, by a promise of making him captain-general of the sea-coast. This office he exercised with unbounded cruelty and tyranny. About 1662, an earthquake was experienced, which, it is said, buried 300,000 persons in Peking alone. The emperor Kang-he, who ascended the throne in the same year, after having done more for the good of the empire

than any of his predecessors, died in 1722, aged 69. He was succeeded by his fourth son, who assumed the name of Yung-ching. In 1731, another dreadful earthquake was experienced in the northern provinces, which is said to have destroyed 100,000 persons in Peking. Yung-ching died in 1736, and was succeeded by his son Këen-lung.

1793. During the reign of the above emperor, an embassy was sent by the king of Great Britain to China, under the conduct of Lord Macartney, for the purpose of establishing a more secure and extensive commerce with that empire. The entire failure of this embassy has been attributed to various causes, chiefly to the suspicious spirit of the Chinese.

1796. The emperor Këen-lung abdicated the throne in favour of his son, after a reign of 60 years; he died in 1799, in the 79th year of his age. He appointed Kea-king, his seventeenth son to succeed him, of whose reign and character little is known. In 1804, the Tartars made an incursion into China, which excited the greater alarm because it was connected with internal disturbances; this affair was, however, soon set at rest, by the imperial forces gaining a complete victory over the insurgents. About this time the Chinese government first prohibited the importation of opium; in spite of which a clandestine trade was carried on which caused much jealousy in the government.

1816. A second embassy was sent from England to the emperor of China, conducted by Lord Amherst, the object of which was to obtain more complete satisfaction respecting misunderstandings which had taken place between the English and Chinese merchants at Canton, and to establish on a firmer basis the rights of commerce between the two countries. But Lord Amherst refusing to comply with the ceremonies required, especially that of the Ko-tow, or bowing to the earth nine times before every representation of the emperor, his majesty was so highly offended, that the embassy was ordered to return immediately, without being even allowed a day to recover the fatigues of their journey to Peking. Kea-king died in 1821, and was succeeded by his son 'Taoukwang, the reigning emperor.

1823. Disputes again arose respecting the opium trade. The Peking Ga-

zette of Aug. 22, contains a decree with regulations promulgated respecting the prohibition of opium. Subsequently to this, other decrees were passed, of great severity, enacting even the penalty of death against those caught trading in the drug, which continued to keep alive the angry feeling already excited.

1837, 1838. The state of our relations with China again became very unsettled. A serious misunderstanding arose in consequence of the determination of the Chinese authorities to put down the contraband importation of opium, which our traders, in defiance of the Chinese law, persisted in introducing. "You foreigners," says the Chinese Admiral Chin, in his proclamation "giving no heed to the laws of Heaven's dynasty, are every day furtively rambling about; you never let us rest a moment from your visits. We would like to ask you, if our Chinese ships were to take a commodity prohibited in your country, and go on forcing it into consumption, if you would bear it patiently or not."

1839. The Chinese government arrested Captain Elliot, Superintendent of the British Trade in China, April 15, and several merchants, and declared they would not be set at liberty till they delivered up the opium they had imported to that country contrary to the edict. This they consented to do, and opium to the amount of about £3,000,000 was delivered to the Chinese government, by May 30, most of which was destroyed.

In reply to the claimants for indemnification for losses sustained in consequence of the delivery of opium the British government issued a Treasury order, dated Nov. 11, stating that parliament had placed at the disposal of the Board, no funds out of which any compensation could be made, and that the sanction of parliament would be required before any such claim could be recognized and paid; and that her majesty's government did not propose to submit to parliament a vote for the payment of such claims.

1840. Hostilities commenced between this country and China, but at first without any very important operations taking place. May 7, Hwang-tung-kae, a Chinese commissioner, arrived at Amsterdam, bearing a rescript of the emperor of China, which empowered him to deliver letters of marque against the English. An expedition was sent out by the British government. Orders in

council were also issued, authorising reprisals as a means of bringing the Chinese government to reason.

CHINA WARE manufactured in England, at Chelsea, 1752; at Bow, 1758; in several places in England, 1760; by Wedgwood, 1762; at Dresden, in Saxony, 1706.

CHINA PORCELAIN, first mentioned in history, 1591.

CHINESE LIBRARY, a public, containing above 10,000 volumes; was opened in Bartlett's Buildings, Holborn, June 14, 1825.

CHINGLEPUT, collectorate Hindoostan, in the Carnatic. The British obtained this district from the Nabob of Arcot in 1750, and 1763; and in 1780, when the Madras presidency undertook its direct administration, it was rented to the Nabob on renewed leases.

CHINGLEPUT, the capital of the district of the same name, was taken by the French in 1751, but retaken by the intrepid colonel Clive in the following year.

CHIOS. See **SCIO**.

CHISHALL, GREAT, in Essex, 110 houses, valued at £10,000; damaged by fire, Feb. 22, 1798.

CHITORE, chief town of a district of the same name, Hindoostan, in the province of Ajmeer. It was first taken by the Mahomedans, in 1303; afterwards, in 1567, by Acbar; and again in 1680, by Azim Ushaun, son of Arungzebe. In 1790, it was taken from Bheen Singh, by Madhjee Sindia, the traitorous subject of the ranah of Odeypore, but it was soon after restored and remains under that government or control.

CHITTAGONG, a district, Hindoostan, in the presidency of Bengal, was taken from the Bhuddists and Brahmins, by the Afghan kings of Bengal, in the beginning of the 16th century, but restored to the Bhuddists of Arracan, during the Mogul and Afghan wars. In 1581, the Portuguese assisted the Mughls in wasting the south-east quarter of Bengal. In 1638, the Delhi sovereign was called in to aid an oppressed party, and in 1666, formally took possession of the province, and called the capital Islamabad.

1686. The English East India Company removed their factory from Hooghly to this place, and in 1760, it was finally ceded to the British, by the nabob Jaffier Ali Kahn. After 1795,

the jungle and morasses of Chittagong became the asylum of many of the discontented subjects of the Burmese monarch, and he felt himself at length called on to declare war against the British, as abettors of a band of rebels for the molestation of his government. Hostilities commenced in a decided manner in 1824; and after a sanguinary war, terminated in the expulsion of the Burmese from the province of Arracan, and the restoration of the Mughls. See **BIRMAN EMPIRE**.

CHIVALRY, an institution which, according to some writers, took its rise from the crusades, but according to others, gave occasion to that enterprise. Though founded in caprice, and productive of extravagance, it had a very considerable influence in refining the manners of the European nations, during the 12th, 13th, 14th, and 15th centuries. Bishop Warburton traces the first idea of chivalry and romance to Spain, where it was introduced by the Saracens or Arabians, who had been for some time seated on the northern coasts of Africa; it entered Spain about the beginning of the eighth century, but it had not attained any regular system till the 12th century.

Chivalry declined in England during the inglorious reigns of king John and Henry III., but revived under Edward I., about 1300. This prince was one of the most accomplished knights of the age in which he flourished, and both delighted and excelled in feats of chivalry. When he was on his return from the Holy Land, after his father's death, and knew that his presence was ardently desired in England, he accepted an invitation to a tournament at Chalons in Burgundy; where he displayed his skill and valour to great advantage, and gained a complete victory.

Edward III. was no less fond of chivalry, and encouraged it by his example and munificence. He celebrated several pompous tournaments, to which he invited all strangers who delighted in feats of arms, entertained them with great hospitality, and loaded such of them as excelled in those martial sports with honours and rewards, in order to attach them to his person, and engage them to fight in his cause. With the same view, and at the same time, he founded the order of the garter, 1349, of which his heroic son, the Black Prince, was the

first knight, and all the first companions were persons famous for their victories in tournaments, and in real wars.

Chivalry, which owed its origin to the feudal system, expired with it, in the 16th century; the change of habits and manners, and the difference in the pursuits of mankind in general, were alike fatal to both. But the spirit of the institution may still be traced in the humanity which accompanies all the operations of war, the refinements of gallantry, and the point of honour; the three circumstances which distinguish modern from ancient manners.

1839. An attempt was made this year to revive the feats of ancient chivalry, by the exhibition of a grand tourney. The rehearsal took place in the neighbourhood of London in July, and in August, and September following, a fete and tournament were given by the Earl of Eglintoun, at Eglintoun castle.

CHOCOLATE introduced into Europe from Mexico, 1520.

CHOLERA MORBUS. This dreadful malady, called the malignant cholera, made its appearance at Jessore, in Bengal, Aug. 1817. The first serious manifestations of it consisted generally in violent vomitings and discharges of the bowels; the evacuations presenting, for the most part, numerous mucous flakes floating in a liquid resembling rice-water or whey. Spasmodic contractions beginning in the fingers and toes, gradually extended themselves to the trunk: the pulse sank; the skin became cold; the lips, face, neck, hands, and feet, and soon after the thighs, arms, and whole surface assumed a leaden, blue, purple, black, or deep brown tint, according to the complexion of the individual, and varying in shade with the intensity of the attack. The fingers and toes were reduced in size; the skin and soft parts covering them became wrinkled, shrivelled, and folded; the nails put on a bluish pearly white hue; the large superficial veins were marked by flat lines of a deeper black; the pulse became either small as a thread, or else totally extinct; the voice sank into a whisper; the respiration was quick, irregular, and imperfect; and the secretion of urine was totally suspended. Death took place often in 10 or 12, generally within 18 or 20 hours after the appearance of decided and well-formed symptoms. In the space of a few

weeks, 10,000 persons fell victims to this malady, in the single district of Jessore.

From Jessore the cholera soon extended its ravages throughout Bengal. It extended also eastward along the coast of the Asiatic continent, and through the islands of the Indian ocean, to China, and to Timor. In 1818, it appeared in Arracan; 1819, in Penang, the island of Java, &c.; 1820, at Canton, in October; and at Pekin in 1821. Before the end of 1823, it had traversed the Molucca islands, and the island of Timor; and continuing for several years to ravage the interior of China, it had, by 1827, passed to the north of the Great Wall, and desolated several places in Mongolia. At the same time it was extending to the west as well as to the east. In 1818, it made its appearance at Bombay; and broke out anew in 1819, 1820, and 1821.

Ascending the Persian Gulf, it spread on one hand, from Busheer into Persia; on the other, it passed through Bassora, along the course of the rivers Tigris and Euphrates into Asiatic Turkey. After traversing Baku and other parts on the western border of the Caspian Sea, it appeared at Astracan in Sept., 1823, but died away in the course of the winter. It continued during the succeeding years to wander about in different provinces of Persia, and the adjacent districts, and in 1830, it broke out with renewed violence on the western shores of the Caspian Sea.

The same year the cholera ravaged Georgia, and made its reappearance in Astracan; thence it ascended the Volga, and crossed over the Don, spreading northwards so as in the month of June to reach St. Petersburg and Archangel. Holding out a western course, and entering Poland, it broke out in Warsaw in April, 1831; at Dantzic, in May; Berlin, in the beginning of September; and at Hamburgh, in the month following. It made its appearance at Jassy, in June; and Bucharest and Pest, in July; and Vienna, in September.

1831. Although precautions had been taken, by enforcing quarantine regulations, to protect Great Britain and Ireland, it made its appearance in Sunderland October 26. There was great contrariety of opinion among medical men. Some alleged that the malady which had broken out was contagious, and identical with the Asiatic cholera; others asserted

that it was totally dissimilar, and was merely epidemic. This much, however, was certain, that a malady had made its appearance, presenting an assemblage of symptoms not hitherto observed in ordinary conjunction in this country. Between October 26 and December 28, when only seven cases remained, 528 persons were attacked in Sunderland, of whom 197 died.

In the beginning of December the malady spread to Newcastle; and by the 28th of the month, 99 had died out of 286 who were attacked. On Christmas-day it made its appearance in Gateshead; and, within 48 hours, upwards of 120 cases occurred, of which 52 proved fatal. In the course of December, North Shields, South Shields, Westœ, Houghton-le-Spring, and Penther, were attacked; and, by the 28th of that month, eight cases, out of which six were fatal, had occurred at Haddington, in Scotland.

1832. In the beginning of February, when the disease in that quarter had run its course, there had been in Newcastle 934 cases, of which 294, less than one-third, had terminated fatally. In North Shields and its neighbourhood, out of 257 persons attacked, 67 had died.

From the north of England, the disease took its course into Scotland, and, leaving untouched the whole intervening country, appeared first at Haddington, where the deaths were more nearly one-half than one-third of the whole number of cases. After Haddington it appeared at Musselburgh, a small town within six miles of Edinburgh, where its malignity proved peculiarly extensive and obstinate. The northern capital was in great alarm, but had adopted in time all proper precautions, so that in no spot of the United Kingdom, looking at the population, did the visitation pass off so slightly.

The disease, following its erratic course, after attacking the villages around Musselburgh and Haddington, appeared all at once at Kirkintilloch, seven miles from Glasgow, on the banks of the great canal which joins the Forth to the Clyde. It then appeared in Glasgow, where for awhile its ravages were alarming. But though the number of cases was great, the mortality was smaller than in many other places, being altogether about one in three. In some of the manufacturing villages round Glasgow, it was much

more fatal. Its progress could no longer be traced. Every day brought intelligence of its appearance in some new quarter; and, during the summer, it penetrated through the whole of the north and west of Scotland, being nowhere more fatal than among the Highland villages of the counties of Caithness and Sutherland.

In the beginning of February, the cholera showed itself in London, although, so far as was known, the whole intervening country, whether between Newcastle and the capital, or between Scotland and the capital, remained unaffected. It appeared first among the crews of vessels afloat in the river, in Southwark, and districts in the immediate neighbourhood of the Thames. By the 20th of February, 40 cases had occurred on the river, and in Lambeth, Southwark, Limehouse, Rotherhithe, and Ratcliffe, of which 21, more than one-half, had terminated fatally. Other districts of the capital and its environs were speedily affected, and the rate of mortality in proportion to the number of cases, continued nearly the same.

So soon as the presence of the disease was positively ascertained, bills were brought in, and hurried through both houses, giving the privy council large powers to make regulations for meeting the danger. Among other acts were 2 Will. IV. c. 10, February 20, 1832, "an act for the prevention, as far as may be possible, of the disease called the cholera, or spasmodic cholera, in England." This statute enacts that "the lords and other of the privy council, or any two or more (of whom the lord president, or one of the secretaries of state, shall always be one,) by any order, from time to time may establish, and revoke, and vary all such regulations as might appear necessary or expedient for the prevention, as far as possible, of the spreading of the said disease called the cholera, or spasmodic or Indian cholera, in England and Wales, or any other part thereof, or for the relief of any person suffering under, or likely to be affected by, the said disease, and for the safe and speedy interment of any person dying of the said disease."

A central board of health was established in London. The privy council was empowered to establish them in all parts of the kingdom, and direct the formation of hospitals for the reception of

the sick. The expenses were to be defrayed by assessments levied on the towns, parishes, or counties, to which they were applied. Notwithstanding, however, these precautions, the malady soon spread itself over the whole kingdom, and speedily included in its sphere the squalid population of Ireland. But every where it was much less fatal than had been anticipated. The number of cases in the United Kingdom was smaller out of all proportion than those which occurred in Paris alone.

The cholera left medical men as it found them—confirmed in most opposite opinions, or in total ignorance as to its nature, its cure, and the causes of its origin, if endemic—or the mode of transmission, if it were infectious. In Great Britain, as elsewhere, it fixed its residence among the most needy and squalid classes of the community. There were instances of its attacking persons of a different kind; but they were too few to affect the general law which it seemed to follow, and could often be traced to particular causes. The cholera being completely subdued in England; April 14, 1833, was appointed as a day of thanksgiving for its cessation.

Up to the beginning of 1832 France had escaped the cholera. On the 28th of March, however, it was positively asserted that cases of cholera had occurred in Paris during the preceding day. Its ravages soon became so frightful, that the capital was seized with one universal panic, from the highest ranks of society to the lowest. From the 27th of March till the 1st of April the deaths had been 98; nearly 20 daily. On the 1st of April alone they were 79, and went on increasing at the following rate:—

April 2	168
— 3	212
— 4	342
— 5	351
— 6	416
— 7	582
— 8	769
— 9	861

This was the highest point of mortality which the disease reached. From the 9th of April it gradually fell off, with the exception of sometimes a temporary rise for a day. On the 10th of April the deaths were 848; on the 11th, 769; on the 12th, 768; on the 13th they rose to 816; they fell on the 14th to 692; on the 15th to 567; and, on the 16th, to

512. Up to the last of these dates there had died in Paris alone upwards of 8,700 persons; and before the end of the month the number was nearly doubled. From the capital the disease spread rapidly to the small towns and large villages in the neighbourhood, following, at first, principally the course of the Seine. Then it started up in different places, scattered over great part of the country. By the middle of April it had made its way into the departments of Aisne, Eure, Loiret, the North, Orne, Oise, Sarthe, and Yonne.

1833. The disease continued abroad. December 18, Bombay papers of this date announced that at Lucknow 1,200 persons had, in one week, fallen victims to the malady. In 1834, the cholera was also committing fearful ravages about this time in Sweden and Denmark.

1835. September. The cholera was raging at Leghorn. All commerce and industry were completely annihilated. The disease was invariably fatal: 50 or 60 were carried off daily. Most of the families in easy circumstances quitted the town. The daily supplies of meat, water, and other provisions were put in by the windows, and were even raised to those of the third and fourth stories. The eating-houses, coffee-houses, and shops, were closed.

1837. Many of the principal cities of Italy and Sicily were severely visited by the cholera. At Palermo and Catania the ravages were very frightful. In the first mentioned of these cities the daily deaths were computed at not less than 1,000; and in the latter, 6,000 out of 30,000 inhabitants perished, according to the lowest estimate. To aggravate the calamity, the ignorant multitude, maddened by suffering, gave credence to the most absurd fictions; and, in many parts of Sicily and Calabria, disturbances of a very serious complexion broke out, and were not quelled without causing a great deal of anxiety to the government. Rome, Leghorn, Genoa, and most of the Italian cities were in their turns, and with more or less severity, attacked by the disease.

August. It had reached Albano, Genzano, Frascati, and to the north of Rome it had spread as far as Viterbo, Narni, and Perrugia. In Rome, there were, on the 29th of August, 336 new cases of cholera, and 217 deaths; and on the 30th, 357 new cases, and 211 deaths. The reports from all parts of Sicily, however,

were favourable. In Palermo the cholera seemed to have entirely ceased; no new cases occurring. Letters from Malta to the 15th of August described the cholera as rapidly declining, though on the preceding day, there had been no less than twenty deaths. September 20. The cholera was rapidly on the decline at Rome. On the 31st ult. the deaths were 241;

on the 13th of September, the deaths were 44; and on the 15th, the deaths were 30.

The following table exhibits the number of cases of cholera and of deaths in various places which had been visited by it, as reported, and stated in different Journals, in 1831 and 1832:—

GREAT BRITAIN AND IRELAND.			CONTINENT OF EUROPE.		
	Cases	Deaths		Cases.	Deaths
Dublin.....	9252	2775	St. Petersburg	9247	4757
Glasgow, to Aug. 15, 1831.	4164	1993	Moscow	8576	4690
Liverpool, „ 13.....	4646	1396	Limberg	4922	2589
London, to April 28, 1832	2532	1334	Vienna.....	3984	1893
Cork	3305	843	Warsaw	3912	1460
Limerick.....	2497	843	Berlin	2220	1401
Drogheda to July 28....	1202	488	Prague	3234	1333
Edinburgh „ 25....	796	467	Konigsberg.....	2188	1314
Paisley „ 25....	638	368	Nisnei Novgorod	1897	982
Belfast.....	2559	303	Kazan	1487	857
Greenock, to July 25....	534	275	Breslau	1276	671
Hull „ 26....	726	250	Brunn	1540	604
Leeds „ 26....	544	212	Hamburg	874	455
York „ 25....	384	152	Magdeburg.....	576	346
Plymouth „ 26....	354	147	Elbing.....	434	283
Leith „ 25....	194	112	Stettin.....	366	250
Warrington „ 26....	248	109	Halle	303	152
Carlisle „ 25....	214	109			
AMERICA.					
Quebec to Sept. 1.....		2218	Baltimore, Sept. 29....		710
Montreal „ 2.....	4385	1843	Albany „ 8.....	1146	418
New York „ 8.....	5842	3107	Norfolk „ 11.....		400
Ditto Oct. 12.....		3471	Rochester „ 3.....	389	107
Philadelphia, Sept. 1....	2240	740			

CHOSROES I. surnamed the Great, king of Persia, was the third son of Cambades or Cobad, succeeded to the throne in 531. In 540, invaded Syria, and marched to Antioch, which he soon reduced to ashes. In 576, he was defeated by the Roman general Justinian, and in 580, being again defeated, died of grief.

CHOSROES II., grandson to Chosroes the Great, by the assistance of the Romans in 590, was placed on the throne. To avenge the death of Mauricius, declared war against the Romans 603, which he continued for 18 years, with so much slaughter and success, that the Romans lost nearly all their possessions in Asia. He was put to death in 627, by his son Siroes, who made peace with Heraclius, and

restored the wood of the holy cross.

CHRAMNES, natural son of Clothaire, king of France, appeared in arms against his father in 556. On the death of Theobald, king of Metz, his dominions were divided between Clothaire, king of Soissons, and Childebert, king of Paris; in 560 Chramnes was defeated, and with his wife and children, burnt alive in a cottage, by order of his father.

CHRIST, order of knighthood, began in Portugal, 319; in Livonia, 1203.

CHRISTCHURCH COLLEGE, Oxford, begun 1515, charter dated 1525, buildings completed 1523, damaged by fire, to the amount of 12,000*l.* March 3, 1809. See OXFORD.

CHRIST CHURCH, BIRMINGHAM, first stone laid, July 22, 1805.

CHRIST'S COLLEGE, Cambridge, founded 1505. See **CAMBRIDGE**.

CHRIST PRIORY, Hampshire, built, 1060.

CHRIST'S HOSPITAL, popularly called the Blue-coat Hospital, was anciently a monastery of grey friars, founded by Rahere, the first prior in the time of Henry I. It was dissolved by Henry VIII., and granted by him to the city of London in 1547, and the grant was confirmed in 1552, by charter of Edward VI., who converted it into an hospital for poor children, who are supplied with all necessaries and conveniences, clothed, dieted, and taught.

The citizens, by king Edward's charter, are incorporated governors of his several foundations in the city and liberties of London by the name of the "mayor, commonalty, and citizens of the city of London, governors of the possessions, revenues, and goods of hospitals of Edward VI.," &c.

A great part of this building was burnt down by the great fire in 1666; but was again rebuilt by the care of the governors; though not without incurring a great debt, and anticipating the revenues of the hospital; all which incumbrances have been long since discharged. Here were two mathematical schools; the first founded by King Charles II., Aug. 19, 1674, but they are now united

1835. There were begun very considerable architectural additions to this extensive mass of buildings, in the court where the grammar-school is situated. The new edifice displays two sides, namely, on the north and west; and the former of these, which is the principal one, fronts the court, and is directly opposite to the school above mentioned, yet of only half its extent. It is composed of five divisions, the extreme ones being octagonal towers, and that in the centre presenting one continued ornamental compartment, forming a kind of bay window on each of its three floors above the ground one.

CHRISTIAN, the term of distinction first given to the disciples of Christ at Antioch, A.D. 40.

CHRISTIAN CHARITY, order of knighthood, began in France, 1590.

CHRISTIAN ERA, first applied to the computation of time, by Dionysius the monk, surnamed the Little, 516. See **ERA**.

CHRISTIAN KING, the title of, first given to Louis IX. of France, 1469; annulled by National Assembly, 1791.

CHRISTIAN KNOWLEDGE, Society for promoting, instituted 1798.

CHRISTIANIA, or **CHRISTIANA**, capital of Norway, formerly occupied the site of Opsloe, and was rebuilt in its present situation by Christian IV. in 1624, after a plan designed by himself. It has a Latin school, founded by Christian IV. in 1635, and a public library. The castle of Aggerhuus, built on the west side of the bay, at a small distance from the city, in 1310, by the Swedes, was strengthened in 1633, by Christian IV., and by succeeding kings of Denmark at subsequent periods.

The trade is good, and population has increased so rapidly, that, according to the Weimar almanack for 1832, about 20,000. The principal exports are timber and deal; glass, particularly bottles; linseed and oil-cakes; iron and nails; smalts, bones, oak bark, &c. Salted and pickled fish, one of the staple products of Norway, is principally exported from Bergen. The deals of Christiania have always been in the highest estimation; and in consequence of the excellence of the timber, and the care with which the sap-wood and other defective parts is cut away. The saw-mills were formerly licensed to cut only a certain quantity, and the proprietors were bound to make oath that it was not exceeded. This absurd regulation no longer exists.

CHRISTIANITY, the religion taught by Jesus Christ, forming the epoch of the vulgar era. See **CHRISTIAN ERA**.

CENTURY I. During the apostolic age, churches were planted in Arabia, Egypt, Ethiopia, and Barbary, to the south and west of the Holy Land; in Chaldea, Mesopotamia, Armenia, Assyria, and Persia, to the east; and in Phenicia, Syria, Asia Minor, Thrace, Macedonia, Greece, Illyricum, Italy, and Spain, to the north. Gildas, the earliest of our British historians, speaking of the memorable revolt and overthrow of the Britons under Boadicea, about 60, asserts that the gospel then began to be successfully published in the country; and the correctness of his statement is supported by those ancient Cambrian records called the triades. In these it is stated that the celebrated Caractacus,

who, after a war of nine years, was betrayed to the Romans, was, together with his father Brennus, and the whole family, carried prisoner to Rome, about the year 53, where they remained for a period of seven years. At this time the gospel was also preached in the imperial city; and Brennus, with others of his family, became professed members of the christian church. Eigen, the daughter of Caractacus, is said to have bestowed her hand on a British chieftain, whose domain, called Caer Sarllog, is now known by the name of Old Sarum; and Claudia, one of her sisters, is supposed to have become the wife of a Roman senator, named Pudens.

CENTURY II. The progress of christianity was steady and triumphant. Pliny, in writing to the emperor Trajan, about 106, expressly says, "The number of culprits (as he calls the christians) is become so great as to call for serious consultation; the contagion of their superstition having spread, not only through cities, but even in villages and the country." Tertullian, speaking of the extension of the gospel, about ninety years afterwards, numbers among those who had previously embraced it, the Dacians, Germans, Scythians, and Sarmatians; together with many of the Getuli, great numbers of the Moors, the utmost bounds of Spain, various nations of Gaul, and those parts of Britain which were inaccessible to the Roman arms. And Arnobius demands, "Is not this a powerful argument for our faith, that, in so short a time, the sacraments of Christ are diffused over the world? That orators, rhetoricians, lawyers, physicians, and philosophers, now love our religion, despising those things in which they previously trusted? That servants endure cruelty from their masters, wives submit to be separated from their husbands, and children are content to be disinherited by their parents, rather than abandon the christian religion." Athenagoras, who, towards the end of this century wrote an apology for the christian religion, says, "the christians made small account of the present life, but were intent only on contemplating God, and the divine Word who is from him; what union the Son has with the Father; what communion the Father has with the Son; what the Spirit is; and what are the union and distinction subsisting between the Fa-

ther, the Son, and the Holy Spirit. In this century the great work of translating the Holy Scriptures was carried on. As the language of the empire was more generally understood, at this time, than any other, Latin versions of the oracles of truth were multiplied with equal zeal and diligence. See BIBLE.

CENTURY III. The progress of christianity had continued so, that, about 245, the Emperor Philip was induced to make a profession of the new religion, and openly to patronise its friends and adherents. About the same time christianity was greatly extended both in France and Germany. And though the power of religion seemed to decline both among pastors and professors in Africa; and Asia, from the inroads of barbarians, became a scene of miserable confusion, the invaders, by carrying away with them several christian bishops, forced these people to become missionaries, contrary to their own intentions, and rendered them instrumental to the conversion of many, who might otherwise have lived and died without the knowledge of the gospel.

CENTURY IV. The commencement of this century was marked by the elevation of Constantine, commonly called the Great, to the imperial dignity, by his army about 312. At the expiration of six years, during which time he had reigned in Gaul, he resolved, if possible, to put a period to the tyranny of Maxentius, who had been declared emperor of Rome, and had acted in the most intolerable manner. With this determination, and with a conviction upon his mind that the idols of his forefathers could afford him no assistance, he addressed himself in fervent prayer to Jehovah. Eusebius, his biographer, relates that, whilst he was on his march, a luminous cross appeared in the heavens, to the astonishment of the army, with this inscription in Greek, "By this overcome." How far this story may be correctly stated, is certainly open to suspicion, but it is certain, that from the time to which we have alluded, he not only professed to believe in Christ, but studied the scriptures with apparent seriousness and attention, and publicly countenanced the ministers of divine truth. Having obtained a decisive victory over Maxentius, and made himself master of Rome, Constantine placed a spear, formed so as to resemble a cross,

in the hand of the statue erected for him in that city. He also built several churches for the christians, patronised the meetings of their bishops, and extended his benevolence to their poor members. He afterwards took up arms against his colleague, Licinius, who reigned in the east, with pagan principles and a persecuting spirit. Licinius was content to put the truth or falsehood of the new religion on the event of the war, and the result was that he lost both his dignity and his life. The christian church enjoyed great tranquillity, and much external prosperity during this reign. The emperor erected churches, established schools, and provided endowments for the christian clergy. After trying lenient measures to suppress heathenism a long time, during the last eight years of his life destroyed the idols, rased the temples, and banished the priests. By these means heathenism was so much dislodged from the cities and towns of the empire, that it seemed to take refuge as its last resort in the pagi, or villages, from which circumstance it was in contempt called paganism. But the favour of Constantine to the clergy was excessive, and superinduced pride, covetousness, supineness, and sensuality.

The gospel was propagated among the Persians, Indians, and the nations on the east of the Euxine Sea. In 337, Constantine died, on which several changes took place in the empire and government; but at length his son Constantius was firmly seated on the throne. In the days of the father, the Arian heresy was considerably propagated, and the son it appears was a cordial friend to the professors of those principles, and soon began to wield the secular power against those professing the orthodox faith. On the death of Constantius, in the year 361, Julian succeeded to the crown; but he no sooner attained the imperial dignity, than he renounced christianity, and openly professed paganism. He restored idolatrous worship, re-opened the temples, built new ones, and gave universal countenance to all the heathen rites. On the death of Julian, Jovian, a christian, succeeded him as emperor of the west, and gave peace to the church of Christ. About 366, Valen, the emperor of the east, who was a bigoted Arian, raised a furious persecution against the orthodox, which

continued unabated till his death, in 375. In this century the bishops of Rome began to usurp a lordly authority over other bishops and churches, and struggled violently to have all appeals made to them. Superstition made rapid advances, ordinances were issued for abstinence from particular meats during stated fasts; celibacy began to be admired and publicly commanded, and men and women devoted themselves to single life and monkish habits, under the pretence of superior sanctity; prayers to departed saints were introduced, and about the same time images and pictures in the churches, relics of martyrs, of the cross, &c., began to be revered.

CENTURY V. In the beginning of this century Arcadius and Honorius, sons of the emperor Theodosius, renewed the Arian persecution against the orthodox. The Goths, Huns, Vandals, and Heruli, continued to pour in upon the empire, until at length, in 476, it was totally subverted, and the Roman government existed no longer. In this age of the church the Pelagian, Nestorian, and Eutychian heresies greatly infested the church, and disturbed its peace. To this age also we must refer the origin of the celebrated doctrine of purgatory, or the middle state, in which some souls are supposed to be confined under punishment until the last day, unless delivered much earlier by the efficacy of prayers and masses performed for them by survivors.

In this century St. Patrick, as he is called, visited Ireland, and, notwithstanding the discouragement which attended his first exertions, erected a great number of churches, and instructed many of the Irish in the use of letters, as well as in the truths of the gospel. In the same century, the conversion of the southern or Lowland Picts, is said to have been effected through the instrumentality of a British bishop named Ninias. The baptism of Clovis, king of the Franks, took place about the year 496.

CENTURY VI. The Roman pontiff, Gregory the Great, sent a number of Benedictine monks as missionaries into Britain, under the superintendence of Augustine; and a variety of circumstances proved favourable to their reception. Ethelbert, king of Kent, the most considerable of the Anglo-Saxon princes among whom the island was, at this time, divided, consented to hear them

preach, and, after receiving the rite of baptism, he gradually introduced the profession of christianity among his subjects. Augustine (who had been constituted archbishop of the English nation,) displayed great zeal to establish a complete uniformity in customs and discipline. This was opposed by those prelates and monks in Wales, who were the successors of the first British christians, and altogether independent of the see of Rome. Violent altercations ensued; the Kentish prince was engaged in the quarrel; and the unfortunate Cambrians, whose only crime consisted in their conscientious resistance to a foreign yoke, were doomed to suffer the invasion of their territories, and, in some instances, the loss of their lives. It has been judiciously remarked by Dr. Mosheim, that "The conversions and sacred exploits of this age will lose much of their importance, in the esteem of such as examine with attention the accounts which have been given of them by the writers of this and the succeeding ages. For by these accounts it appears, that the converted nations retained a great part of their former impiety, superstition, and licentiousness; and that, attached to Christ by a mere outward and nominal profession, they, in effect, renounced the purity of his doctrine, and the authority of his gospel, by their flagitious lives, and the superstitious and idolatrous rites and institutions which they continued to observe."

CENTURY VII. Early in this century six Anglo-Saxon kings of the heptarchy, who had hitherto remained under the darkness of their ancient superstition, were induced, partly by the earnest entreaties of the Roman missionaries, and partly by the persuasion of their consorts, to enter the pale of the church. Paulinus was appointed bishop of York, and as christianity had obtained admission to the abodes of royalty, the number of adherents increased with great rapidity in all parts of the island. Willebrod, an Anglo-Saxon, and eleven of his countrymen, crossed over into Batavia, for the purpose of converting the Frieslanders to the christian faith. In 692, they went into Fosteland, which most writers consider to have been the same with Heligoland; but being cruelly treated there by Radbod, king of the Frieslanders, who put one of the missionaries to death, they departed for

Cimbria and the neighbouring parts of Denmark. The next year, however, they returned to Friesland, and proved much more successful than they had formerly been, in propagating the knowledge of divine truth. Willebrod was ordained archbishop of Wilteburgh, now called Utrecht, and died among the Batavians at an advanced age; whilst his associates continued to spread the rays of divine light among the Westphalians, and the contiguous nations. About the year 636, a Syrian mission arrived in China, under the superintendence of a minister whom the Chinese called Olopuen; and during some following centuries, christianity prevailed with a few variations in the Chinese empire. It was in this century that the impostor, Mahomet, began to practise his deceptions upon mankind. See MAHOMET.

CENTURY VIII. At the commencement of this century, when a considerable part of Germany was buried in the darkness of pagan superstition, Winfrid, a Benedictine monk, went over into Friesland to the churches which Willebrod had planted. He afterwards removed to Bavaria and Thuringia; and throughout the greater part of Hesse, even to the frontiers of Saxony, he published the gospel in 719; Gregory II. made him bishop of the new German churches. Liefuvyn, another Englishman, was particularly distinguished among those who laboured as missionaries in Germany.

CENTURY IX. A mission to Jutland was undertaken by two eminent French divines, named Ansgar and Authbert. In 831, Ansgar was created bishop of a new church at Hamburgh, and also of the whole north; and to this dignity, the superintendence of the church at Bremen was added in 844. Ansgar terminated his life and labours in the year 865. About the middle of this century, christianity was propagated among the Bulgarians, a Slavonic people of extraordinary fierceness; also among the Slavonians and the Chazari, who resided on the banks of the Danube; the subjects of the prince of Moravia; the Russian inhabitants of the Ukraine, and the inhabitants of several provinces of Dalmatia. And Dr. Mosheim remarks that the missionaries of this period were superior, both in their principles and conduct, to those of preceding ages; as they were more anxious to inform the

minds of men, than to extend the domination of the pope, and they made no attempts to add to the number of their converts by rigid and coercive measures, altogether inconsistent with the spirit of the gospel.

CENTURY X. This has been emphatically styled "an iron age, barren of all goodness, a leaden age, abounding in all wickedness; and a dark age, remarkable above all others for the scarcity of writers and men of learning." In this deplorable age of the church, however, some pleasing circumstances occurred. In Poland, a daughter of the duke of Bohemia induced her consort to receive christian baptism. Hungary, which had previously received some faint dawnings of the christian faith, now became more enlightened through the exertions of Sarolta, wife of Geysa, the king of the Hungarians, whom she persuaded to change his religion; and in the reign of their son, Stephen, churches were erected, bishoprics were founded, and the profession of christianity became general in all parts of the country.

CENTURY XI., though disgraced by the horrors and desolations, of what has been most improperly styled, the crusade, or holy war, affords some pleasing instances of the extension and the triumphs of the christian faith. See CRUSADES. In Sicily, christianity, which had become nearly extinct, was happily revived; and among various tribes of Russians, Poles, and Danes, the word of God was crowned with brilliant success; and in Denmark, especially, the effects of the gospel were obvious and striking. In Sweden, King Olaus evinced the utmost zeal for the spread of divine truth; and here, a learned and pious Englishman, named Ulfrid, appears to have laboured with great success till the year 1028, when he was cruelly murdered by the pagans, in consequence of his having hewed down their idol Thor, with a hatchet.

CENTURY XII. affords little more than a varied picture of the extension of the Romish faith, by force of arms. Thus, whilst the bishop of Bamberg, and the archbishops of Upsal and Lunden are held up as apostles to the Pomeranians, the Finlanders, and the heathen tribes on the Baltic, these nations were in reality compelled to change their religion by Boseslaus, duke of Poland, Eric, king of Sweden, and Waldemar, king of

Denmark. The Sclavonians, still attached to their ancient pagan rites, called forth the missionary zeal of Vicelinus, bishop of Oldenburg, aided by the military forces of Henry, duke of Saxony; and the Esthonians and Livonians were converted in a similar manner, being literally baptized at the point of the sword.

CENTURY XIII. Whilst the crusaders, reckless of human life, and only intent on the accomplishment of their enthusiastic projects, continued to shed torrents of blood, and to disgrace the christian name and character, a people called the Waldenses were raised up to withstand the usurpation of the Roman pontiffs, and to contend boldly for the pure doctrines of christianity; nor did they shrink from the cause which they had espoused, though they were persecuted with such dreadful severity, that, in the city of Paris alone, 114 of their number were consigned to the flames. See WALDENSES. During this century, Almeric and William of St. Amour, in France, Robert Groshead, bishop of Lincoln in England, with many others, loudly remonstrated and declaimed against the corruptions of the Romish clergy, although they did not profess, as the Waldenses did, to be perfectly distinct, as a church, from the papal hierarchy.

CENTURY XIV. Dante, Petrarch, Cassidore, Casenas, Occam, and Marsilius, very much exposed the errors of popery, and abominations of the clergy, although they remained in that communion. The Waldenses still continued their testimony, notwithstanding the fury of the papists. In Bohemia, and Austria they were estimated at about 80,000. About 1360, John Wickliff, an English rector, became famous for his opposition of the tyranny, superstition, idolatry, and errors of the church of Rome. He manifested great zeal in the cause of reformation during more than a quarter of a century; and when he died, in 1387, left his doctrines spreading widely through the kingdom, and his books were read in the colleges of Oxford thirty years afterwards.

CENTURY XV. We are now arrived at the darkest age of the whole history of christianity. In England the bones of Wickliff were dug up and burnt, about forty years from the time of his decease; his books also were condemned and burnt. William Sawtre, Thomas Badley,

and Sir John Oldcastle, all of whom had embraced and propagated the principles of Wickliff, were burnt; yet considerable numbers of the people of England, many of high rank, cherished the principles for which these martyrs died. The books of Wickliff had passed over to the continent, and excited a spirit of inquiry there. In Bohemia, John Huss, and Jerome of Prague, instructed by them, became zealous reformers. About 1414 a general council was called to meet at Constance. Its objects were various, and of high importance. The profligacy of the times seemed to call loudly for such an assembly. Ecclesiastical corruptions had increased to an intolerable degree, and Christendom had been distracted nearly forty years by a schism in the popedom. To settle this dispute respecting the popedom, and restore peace to the church, appears to have been the most urgent business of the council. See **CONSTANCE**.

1453. Constantinople was taken by the Turks, and this dreadful catastrophe, in some respects so much to be deplored, was the means of driving many learned Greeks into these parts of Europe, and thus disseminating that knowledge which was soon to be applied to the general advancement of the christian faith. The fugitives were protected and encouraged by the celebrated family of Medici, and under the fostering care of that influence produced a considerable change in the sentiments of the students in the west. About this time the art of printing was discovered by Koster of Haerlem, and was soon improved by Guttemberg and Schoeffer. To this the revival of religion seems to have been more indebted than to any one human cause whatsoever. Learning of every kind now made rapid progress; the oriental languages were studied, antiquities were explored, the muses were brought into repute, and all the branches of the belles lettres pursued with eagerness and proportionate success.

CENTURY XVI. At the commencement of this century the external condition of the church was extremely low. The Waldenses, Lollards, and Bohemians, were now nearly extinct, and the spiritual worshippers of God were comparatively few, and scattered abroad like sheep fleeing from a drove of hungry wolves. The corruptions of the Romish church were loudly complained of, and

yet nothing effectual had been done for their reformation. The council of Constance, and after that another called at Basil, had in the preceding age attempted in vain to introduce salutary discipline into the church, for the corruption of the more gross departures from the fundamental principles of christianity. An attempt of the same kind was again made in 1511, by the council of Pisa; but all efforts to reform either the head or members of the Romish church proved fruitless. In this state of the christian world Luther arose to protest against the corruptions of Rome, and insist upon the necessity for a reformation. This produced a severe contest between the Romanists and the reformers in 1517. This was 356 years from the reformation of religion in France by the Waldenses, 146 years from the first confutation of the popish errors in England by John Wickliff, 116 years from the time of John Huss, who opposed the papal influence and superstition in Bohemia, and 36 years from the condemnation of John de Wesalia, who opposed popery at Worms. See **REFORMATION**.

CENTURY XVII. Christianity penetrated into many parts of North America, and in New England it obtained great success; yet the number of Protestants decreased about twelve or fifteen millions. Twice a prelatical persecution was experienced in Great Britain: and in Ireland, besides others less considerable, one most tremendous massacre of the protestants took place. These circumstances for a few years rendered the fate of the reformed religion in the British isles most problematical. In Bohemia, and the Palatinate of the Rhine, the Roman catholics almost extirpated the protestants, and seemed at one time to menace the expulsion of the principles of the reformation from the whole German empire. By the interposition of Gustavus, king of Sweden, and after a war of thirty years, the protestants in general, comprehending both Lutherans and Calvinists, had their religious liberties restored and ratified to them by the treaty of Westphalia in 1648. In France, Louis XIII. harassed and threatened to exterminate his protestant subjects; and his son, Louis XIV., openly repealed the edict of Nantz, which was the Magna Charta of their liberties. Great numbers apostatized from the faith of their ancestors, immense numbers were most barbarously murdered,

and several hundred thousands with great difficulty fled to Holland, Brandenburg, Britain, &c. Thus a famous protestant association, at one period comprising 2,000 churches, and some of those churches comprehending some thousands of communicants, was entirely ruined.

CENTURY XVIII. The commencement of this century exhibited the church of Rome still apparently seated upon an immoveable basis, notwithstanding her losses by the reformation in Europe. But while the successes which attended the efforts of these zealous sons of Rome seemed to promise her re-establishment in a state of perfect security, a new order of adversaries arose, more dangerous than any who had hitherto assailed her conclave. A body of men appeared who lived chiefly by their pens, and were, therefore, diligent in the dissemination of their writings. These productions abounded with wit and satire, and were chiefly levelled at the follies of corrupted christianity. Their professed aim was the destruction of the christian faith. The progress of these principles was silent, but it was wide and devastating. France was the fruitful source, but Berlin was the Asphaltis, or Dead Sea, in which the noxious waters were collected. For a time Frederick the Great patronized the new philosophy, but finding it as inimical to good government and social order as to religion, he became its enemy. England felt the influence of deistical principles to a considerable extent, and probably would have become the prey to their revolutionary consequences, like the continental states, but happily for her, pure and undefiled religion was found in her; and at that critical period the ministers of religion stood resolutely at their posts, and by giving a new impulse to the religious feelings of the nation, counteracted the designs of their enemies. Shortly after, societies began to be formed for the dissemination of the scriptures, and the proclamation of the gospel in foreign parts; and these have produced a moral renovation throughout the kingdom of the most auspicious kind.

CENTURY. XIX. Of this century it is only necessary to observe that it has been justly said to deserve "the honourable distinction of the missionary age," greater exertions having been made, and with more abundant success than in any

period since the diffusion of christianity in the primitive ages. This success has resulted, in a great degree, from the formation, plans, and operations of those societies which are peculiarly the offspring of the present age. See **BIBLE SOCIETY, MISSIONARY SOCIETIES, &c.** With christianity civilization has invariably been connected; and hence we may hope, by the gradual, but accelerated progress of religion, that future generations will see the human race, from pole to pole, living in the enjoyment of all social comforts, embracing each other as brethren, and thus fulfilling the objects which the author of christianity had in view in its first introduction and subsequent dissemination.

CHRISTIE, JAMES, a modern writer, son of an eminent auctioneer of that name, was born in 1773. He was educated at Eton, and was originally intended for the church. His first production, in 1802, was an essay on the ancient Greek game supposed to have been invented by Palamedes antecedent to the siege of Troy. In 1806 he published a volume entitled "A Disquisition upon Etruscan Vases." A limited number of copies having been printed, the work soon became scarce, and in 1825, Mr. Christie published a new and enlarged edition, adding an appendix, in which some most ingenious reasoning is employed to refer the shape and colour of Greek vases to the water lily of Egypt. His third publication was an essay on the earliest species of idolatry, the worship of the elements; the purport of which is, to show for what purpose the elements were referred to by early nations, what was understood of the Deity by their means, and by what misconception they became objects of worship. Mr. Christie was a member of the Dilettante Society, and of the Antiquarian Society of Newcastle. He died Feb. 2, 1831, in King-street, St. James's-square, after a long illness, aged 58.

CHRISTINA, QUEEN OF SWEDEN, daughter of Gustavus Adolphus, born in 1626, and succeeded to the crown in 1632, when only six years of age. She discovered even in her infancy, a great antipathy for the employments of women; had ability and taste for abstract speculation, and amused herself with the study of language and the sciences. At the age of 18, she assumed the reins of government. The chief public affair in

which she was employed, was the peace of Westphalia, concluded in 1648. She invited to her court all the distinguished characters of her time: Grotius, Pascal, Bochart, Descartes, Vossius, and many others. In 1652, she communicated her resolution to the senate to abdicate the throne, who, with the people, and Charles Gustavus her cousin and successor, joined in remonstrating against it: she yielded to their importunities, and continued to sacrifice her own pleasure to the will of the public till the year 1654, when she carried her design into execution.

1654. She paid a visit to France, where she was guilty of an action which has stained her memory—the murder of Monadechi, the master of her horse. Perceiving that this had greatly offended the French, she would gladly have visited England, but receiving no encouragement from Cromwell to do so, she returned to Rome. On the death of Charles Gustavus, she took a journey into Sweden, hoping to recover her crown; but, finding her people determined to reject her claims, she returned to Rome where, after many wanderings, she died in 1689, aged 63.

“She was indefatigable upon the throne; firm in misfortunes; impatient of contradiction; but inconsistent in her inclinations. The most striking instance of the inconsistency of her mind is, that while on the throne she was very desirous of a private station, and having obtained this, she was constantly repining, and anxious to recover the crown she had so capriciously resigned.”

CHRISTMAS, the feast of the nativity of Jesus Christ, said to have been first observed in 98. It appears from St. Chrysostom, that in the primitive times, Christmas and Epiphany were celebrated at one and the same feast; that father observes, that it was but for a little while that Christmas had been celebrated at Antioch on the 25th of December, as a distinct feast. The Armenians made but one feast of them, as late as the 12th century. The precise day, or even the month, in which our Saviour was born, is extremely uncertain, but it has been supposed probable, that the era of the nativity was either in September or October, A. U. C. 748 or 749.

CHRISTMAS ISLAND, in the Pacific Ocean, lying about 1100 miles south of the Sandwich islands. Well known as

the spot on which Cook, in his third voyage in 1777, landed to observe an eclipse of the sun. It appears to be more than 60 miles in circumference. It was visited by Mr. Bennett about 1835.

CHRISTOPHE, late sovereign of Hayti, first aspired to the sovereignty on the death of Dessalines in 1806; maintained the conflict with Petion for five years. Published the constitutional law of the council of state, for the establishment of royalty in Hayti, which was subscribed by all the members, and dated the 28th of March, 1811. Immediately on its publication, Christophe was proclaimed, and shortly afterwards, crowned king. He shot himself Oct. 9, 1820. See HAYTI.

CHRISTOPHER'S SAINT, island, West Indies, discovered by Christopher Columbus. First settled under William Warren, in 1623, to whom many French emigrants attached themselves. It was finally ceded to Great Britain at the peace of 1783.

CHRONOLOGY. Most of the ancient nations measured their time by the course of the sun, but some others by that of the moon. But as the ancient inhabitants of the world had no means of ascertaining the exact measure either of the year or the month, or of adjusting the moon's motion to that of the sun, much confusion would necessarily arise in their accounts of events. Even in the histories of Herodotus and Thucydides, there are no regular dates for the events recorded; nor were there any endeavours to establish a fixed era until the time of Ptolemy Philadelphus (about A. C. 240) who attempted it by comparing and correcting the dates of the Olympiads, the kings of Sparta, and the succession of the priestesses of Juno at Argos. The early records of the Romans were annihilated about A. C. 388, by the Gauls; and Fabius Pictor, the most ancient of their historians, who is supposed to have flourished about A. C. 225, was obliged to borrow the chief part of his information from the Greeks.

In other European nations the chronology was necessarily much more imperfect than at Rome; as it was attended to at a later period than that of the Greeks and Romans. Scythia, beyond the Danube, had no letters, till Ulphilus, their bishop, formed them, about A. D. 276.

Germany had none till it received them from the western empire, about 400. The Huns had none as late as 526; and it was still later before the Swedes and Norwegians received them. For an account of the improved systems of Chronology. See the **INTRODUCTORY CHAPTER TO THIS WORK.**

CHRONOMETER, a time-keeper, used for ascertaining the longitude at sea. The first person who proposed to ascertain the relative longitude of any place or ship at sea, by means of horological machines for indicating the time of the first meridian, was Gemma Frisius, about the year 1530. This method was described and recommended in Carpenter's Geography, as early as the year 1635; but the state in which horological machines were at that time, prevented his accomplishing the design. The discovery of the isochronism of the pendulum turned the minds of ingenious men to the improvement of clocks. Lord Kincardine tried a marine pendulum clock by Dr. Hooke, in the year 1662; and Christian Huygens, the celebrated Dutch mathematician and mechanic, contrived a time-keeper, actuated by a spring, and regulated by a pendulum, which was tried at sea by major Holmes in the year 1664.

Hautefeuille, in the year 1674, presented to the Academy of Sciences at Paris, a balance with a straight spring, acting instead of an escapement, which had the same object in view. This society thought the subject of such importance, that, in 1720, they proposed the following question to be determined for a public reward; viz. "What is the most perfect method of preserving on the sea the equable motion of a pendulum, either by the construction of the machine, or by the suspension?" A memoir, written by Massy, a Dutch clockmaker, obtained the prize, but he had not the satisfaction of seeing his plan executed. Henry Sully, an English clockmaker, who had settled at Paris, presented the same academy with a marine time-keeper, made in 1721, and published a description of it in French, by the title of "Abridged description of a clock, of a new invention for the just measure of time at sea." Besides the above, Sully made a second marine time-keeper, which was tried at sea in 1726, but the inventor died two years afterwards, a martyr to his horological studies.

The British parliament in 1714, first proposed a reward for any method of determining the longitude, and again in the year 1774. See **LONGITUDE**. This produced several candidates. Mr. Harrison, who has been justly celebrated, if not for the invention, at least for the introduction of the chronometer, as the means of measuring the longitude at sea, produced the first instrument of that kind in 1726, which, it has been said, did not err a second in a month for ten years together. During near forty years he made successive improvements in its construction, by the assistance of his son, who made several voyages under the direction of the board of longitude, for the purpose of proving the accuracy of the time-keepers. In this period, Mr. Harrison received different grants from government and the board, to the amount of £24,000.

Since the time of Mr. Harrison, many and important improvements have been made in the chronometer, by Peter le Roy, Arnold, Mudge, Emery, Earnshaw, Brockbank, &c. Peter le Roy presented his chronometer to the king of France, on August 5, 1766, for which the prize of the Academy of Sciences was awarded him on the last day of the same month. Mr. Arnold took out two patents for improvements in his chronometer. The former in 1776, was for the invention and application of compensation bars in the construction of his balance, together with the invention and application of what is called the helical, but which is properly the cylindrical balance-spring. The second patent in 1782, was for three different ways of applying the compensation-bars, for an improvement of the balance-spring, particularly in the bending of the last coil at the end of it, for his invention and application of the spring-detent, and also for the cycloidal, or more properly, epicycloidal shape of the tooth of the balance-wheel. Mr. Mudge's time-keeper was tried in 1776, and a full description of it published in 1799.

Messrs. Brockbank's chronometer was tried in 1796. In the report of Lord Hugh Seymour, who tried three of Mr. Mudge's time-keepers against one of Mr. Earnshaw's and one of Messrs. Brockbanks', in a cruise from the 18th of May, 1796, to August 19, following, it is stated, that, after a proper rate was assigned, Messrs. Brockbanks' chrono-

meter performed with a degree of accuracy which far exceeded any of the other four, and which had seldom been equalled by any other. In 1802 and 1803 other trials were made and rewards were given to Messrs. Arnold and Earnshaw by the board of longitude.

The accuracy of chronometers of recent construction is most surprising. In the Athenæum for 1838, it is stated, "Sir Thomas Brisbane having observed the surprising accuracy with which the difference of longitude of London and Paris had been obtained by Mr. Dent's chronometers, he applied to that gentleman, who placed at Sir Thomas Brisbane's disposal twelve of his valuable chronometers. With these, the differences of longitude of London, Edinburgh, and Mackerston, were taken; and by a mean of all the observations taken in going to the latter station and in returning, they were found to differ only by five one-hundredths of a second."

Sir John Herschel states, that Kessels, of Altona, had tried this method by taking his chronometers to Berlin and back again (as he believed), and the entire error was considerably within one-tenth of a second: when the paved and almost impassable roads of the continent were taken into account, this was an astonishing degree of accuracy. Sir John said, that in a notice lately given by Mr. Dent, of a determination by himself and Major Sabine, of the difference of longitude of London and Paris, a statement was given of the error of the observations which was not quite fair; the truth was, Mr. Pond's assistant, in giving them the Greenwich time, had been inadvertently one second wrong; this error, of course, appeared in their result, but it was afterwards detected by the assistant himself, and corrected. This very fact, however, must be striking to the public, when an error of one single second was so readily detected, and became such a matter of debate among philosophers. *Atheneum*, 1838.

CHRYSIPPUS, of CILICIA, the Stoic philosopher, flourished A.C. 240: he died in 207, aged 73.

CHRYSOSTOM, an eminent father of the church, a native of Antioch, born about 347. The name of Chrysostom, signifying in the Greek, *golden-mouth*, was not applied to him till after his death, when his works had rendered him illus-

trious for eloquence. When he was about 27 years of age, he retired from the world to an ascetic life, first in company with a monk upon a mountain near Antioch, and then in a cave by himself. He returned to Antioch, and was ordained a deacon, and afterwards a priest, and devoting himself to the labours of the pulpit, he became so celebrated for his eloquence, that, upon the death of Nectarius, he was unanimously chosen as patriarch or archbishop of Constantinople, in 397.

Being accused of disrespect to the empress Eudoxia, and cruelty to some of the clergy, a synod was convened, in the year 403, before which articles of accusation were brought against Chrysostom. Declining to put himself into the hands of his professed enemies, he was condemned, deposed, and banished. When this event was known at Constantinople, a dreadful tumult was excited. Another synod assembled at Constantinople, and rescinded all that had been done against him, and he was restored with great triumph.

Towards the end of the same year, offending the empress, she was bent on his destruction, in which she succeeded, and Chrysostom was deposed and banished to Nice. His enemies afterwards procured an order for his removal still farther from the capital, to Pitycens, a town on the Euxine Sea; but he died on his journey, at Comanis in Armenia, owing to the great hardships to which he was exposed. Chrysostom was undoubtedly the most distinguished of all the Greek fathers, as Austin was among the Latins. The most complete edition of his works is that published by Montfaucon, the learned Benedictine, in 1734.

CHUBB, THOMAS, a controversial writer, born Sept. 21, 1679, at a small village near Salisbury. In the year 1715, appeared his principal work under the title of "The Supremacy of the Father asserted; or Eight Arguments from Scripture, to prove that the Son is a Being inferior and subordinate to the Father, and that the Father is the Supreme God." Mr. Chubb was assailed from various quarters with so much vehement abuse, that he found himself called upon to vindicate himself and his work, and thus commenced a controversy that ended only with his life. He died Feb. 8, 1746-7.

CHUDLEIGH, Devonshire, nearly destroyed by fire, May 22, 1807.

CHUMLEIGH, Devonshire, nearly destroyed by fire, Aug. 19, 1803.

CHURCH. This term is applied either to the collective body of christians in all parts of the world, or to any particular branch of it. The ancient christian church, with regard to its local establishment, extent, and influence, is frequently divided into eastern or Greek, and western or Latin. The first jealousies between the churches were excited at the council of Sardis, in 347, and a vindictive spirit prevailed for a long time between the bishops of Rome and Constantinople, which occasionally broke out into acts of violence. The latter seconded by the authority and power of the emperors, withdrew from the jurisdiction of the Roman pontiff many provinces, over which they had hitherto exercised a spiritual dominion.

The schism, or total separation, took place in the ninth century. Photius was elected patriarch of Constantinople in 858 by the emperor Michael, in the place of Ignatius, whom that prince drove from his see and sent into exile. Pope Nicholas I. took part with the exiled patriarch, decreed the election to be unwarrantable in a council held at Rome, in 862, and excommunicated Photius. That patriarch assembled a council at Constantinople, in 866, and declared Nicholas unworthy of his rank in the church, and of even being admitted to the communion of christians. Ignatius was soon after restored to his high station by Balsidius, and Photius was confined in a monastery. Photius continued to feed the flame of discord, and having, about the same time, added the province of Bulgaria to the see of Constantinople, he now endeavoured to engage the oriental patriarch in his dispute, and drew up a violent charge of heresy against the Roman bishops. Upon the death of Ignatius in 878, the emperor took Photius into favour, and advanced him again to the patriarchal station from which he had been degraded.

After some subsequent occasions of mutual offence, a new sentence of excommunication was issued against Photius. This sentence was treated with contempt by the haughty patriarch, who, in 886, was deposed by the emperor Leo from the patriarchal see, and confined in the Armenian monastery, where

he died in 891. The dispute between the two churches and their partisans was renewed; religious as well as civil contests, occurred; and by adding new controversies to the old, the fatal schism took place, which produced a total and permanent separation between the Greek and Latin churches.

The **EASTERN** or **GREEK CHURCH** is, unquestionably, the most ancient; it prevails at this day over a greater extent of country than that of any other church in the christian world. It is professed through a considerable part of Greece, the Grecian isles, Walachia, Moldavia, Egypt, Nubia, Lydia, Arabia, Mesopotamia, Syria, Cilicia, and Palestine; all which are comprehended within the jurisdiction of the patriarchs of Constantinople, Alexandria, Antioch, and Jerusalem; also throughout the whole of the Russian empire in Europe, great part of Siberia in Asia, Astracan, Casan, Georgia, and White Russia in Poland.

The doctrine of the Greek church, is partly derived from the first seven œcumenical or general councils, viz. that of Nice 325, the first of Constantinople 381, that of Ephesus 431; that of Chalcedon 451; the second of Constantinople 553; the third of Constantinople in Trullo 680; and the second of Nice 787.

CHURCH OF ROME. The origin of the superiority of one episcopal see over another arose from the secular division of the empire in the fourth century. Hence the pre-eminence of the see of Rome, whose bishop, before the conversion of Constantine, had only the precedency among the prelates, as bishop of the imperial city; but no jurisdiction beyond the bounds of the provinces.

The law of Valentinian, in 372, which empowered the bishop of Rome to examine and judge other bishops, that religious disputes might not be decided by profane and secular judges, approved and confirmed in a council at Rome in 378, proved very favourable to the ambition and advancement of the Roman pontiff; and his votaries have likewise laid great stress on the fourth canon of the council held at Sardis, in 347, which prohibited the election of a successor to a bishop deposed by neighbouring prelates, before the bishop of Rome had examined the cause, and pronounced sentence.

In the fifth century a variety of cir-

circumstances united in augmenting the power and authority of the bishop of Rome; though he had not, as yet, assumed the dignity of supreme lawgiver and judge of the whole christian church. The bishops of Alexandria and Antioch, unable to make head against the prelate of Constantinople, fled often to the Roman pontiff for succour; and the inferior order of bishops used the same method, when their rights were invaded by those prelates. The protection afforded them by the Roman pontiff, was the means of extending his dominion in the east, and of imperceptibly establishing his supremacy. In the west its increase was owing to the declining power, and the supine indolence of the emperors, which left the authority of the bishop, who presided in their imperial city, almost without control, and to the triumphs of the barbarians.

Although the Roman pontiffs availed themselves of every circumstance that could contribute to their obtaining universal dominion, towards the close of the sixth century, the emperors, and the nations in general, were far from being disposed to bear with patience the yoke of servitude, which the see of Rome was imposing upon the christian church.

In the beginning of the seventh century, about 606, Boniface III. engaged the emperor Phocas to take from the bishop of Constantinople the title of œcumenical or universal bishop, and to confer it upon the Roman pontiffs. But the ambitious views of the Roman see were still vigorously opposed, and the pontiffs were obliged to acknowledge their subordination to the regal authority.

No event seems to have been more favourable to their ambitious views than the part they took in the eighth century, in promoting the advancement of Pepin to the throne of Childeric III., in anointing and crowning him as king of France. This proved an abundant source of opulence and credit to the church, and to its aspiring ministers; for Pepin, having obtained two victories over Aistulphus, king of the Lombards, in 754 and 755, compelled him to deliver up to the see of Rome the exarchate of Ravenna, Pentapolis, and all the cities, castles, and territories, which he had seized in the Roman dukedom. And thus the bishop of Rome was raised to the rank of a temporal prince.

The power of the Romish church was augmented in a very considerable degree by the divisions and troubles that arose in the empire towards the close of the ninth century; the emperors were divested of their ecclesiastical authority, the power of the bishops was greatly diminished, and even the authority of both provincial and general councils began to decline. The Roman pontiffs promoted an opinion that the bishop of Rome was constituted by Jesus Christ supreme legislator and judge of the church universal; and that, therefore, the bishops derived all their authority from the Roman pontiff, and that the council could not determine any thing without his permission and consent.

In the tenth century some mercenary and interested prelates publicly maintained that the Roman pontiffs were not only bishops of Rome, but of the whole world; and that their authority, though divine in its origin, was conveyed to them by St. Peter, the prince of the apostles.

The crusades of the 11th century very much contributed to the augmentation of the authority of the Roman pontiffs; so that towards the close of this century they seem to have attained the zenith of their dominion. See CRUSADES.

From the time of Leo IX., the popes employed every method, which the most artful ambition could suggest, to render their dominion both despotic and universal. They aspired to the character of supreme legislators in the church, to an unlimited jurisdiction over all synods and councils, gave themselves out for lords of the universe, arbiters of the fate of kingdoms and empires, and supreme rulers over the kings and princes of the earth. Gregory VII. in the same century exceeded all his predecessors in the lust of dominion, as well as in the success which attended his endeavours to obtain it. He considered the Roman pontiff, under the character of Christ's viceregent, as the king of kings, and the whole universe as his rightful domain. He claimed tribute from France, Saxony, Spain, England, the most powerful of the German princes, Hungary, Denmark, Poland, &c., soliciting them to do homage to the Roman see, to make a grant of their kingdoms to the prince of the apostles, and to hold them under the jurisdiction of his vicar at Rome, as fiefs of the apostolic see.

The power of erecting new kingdoms claimed by the pontiffs, was exercised by Alexander III. in a remarkable instance, in the year 1179. He conferred the title of king, with the ensigns of royalty, upon Alphonso I., duke of Portugal, who, under the pontificate of Lucius II., had rendered his province tributary to the Roman see. In the 13th century the same ambitious spirit governed the councils and proceedings of the Romish church, and they were industrious in inculcating the maxim, that the bishop of Rome is the supreme lord of the universe, and that neither princes nor bishops, civil governors nor ecclesiastical rulers, have any lawful power in church or state, that is not derived from him.

In the 14th century the papal authority diminished by reason of the continued residence of the popes in France; and in the 15th century, by the schism which happened in the papacy, the dawnings of the reformation, and a variety of other concurring causes. In the councils of Constance, held in 1414, and of Basil, opened in 1431, the power of the Roman pontiffs was declared to be inferior and subordinate to that of general councils, and the papal impositions, called expectatives, reservatives, and provisions, were entirely annulled.

When the authority of the Romish church declined in Europe, the popes sought to extend the limits of their spiritual dominion to other parts of the globe, and for this purpose deputed missionaries to gain proselytes. And a new order was formed, that became afterwards so famous, under the appellation of Jesuits. See the articles **JESUITS**, **POPE**, **REFORMATION**, &c.

CHURCH OF ENGLAND. Of the introduction of christianity into England nothing is certainly known: but Eusebius positively asserts, that the gospel was preached here by some of the apostles. It is a traditionary report, that early in the second century, great numbers in Britain professed the true faith. Archbishop Usher represents, that a school existed in 182, for the purpose of qualifying persons for the office of teachers in the churches. Augustin the monk, and other missionaries, were sent to England from the court of Rome, but we read of no civil authority claimed by the pope in these kingdoms, till the era of the Norman Conquest; when the

reigning pontiff, having favoured duke William in his projected invasion, by blessing his host and consecrating his banners, laid hold of that opportunity for the purpose of establishing his spiritual encroachments.

For some time after this, the best livings were filled by Italian and other foreign clergy, equally unskilled in and averse to the laws and constitution of England. The nomination to bishoprics, was wrested from King Henry I., and afterwards from his successor King John; and seemingly conferred on the chapters belonging to each see: but by means of the frequent appeals to Rome, was eventually vested in the pope.

In order to encounter the growing evil of the papal usurpations in England, the legislature were led to frame the statutes of præmunire. The first of these in the 35th of Edward I., was made the foundation of all the subsequent statutes. See **PRÆMUNIRE**.

Edward III. and his nobility wrote an expostulation to the pope: but receiving a menacing and contemptuous answer, withal acquainting him, that the emperor in 1323, had established a law against provisions, and also the king of France had lately submitted to the holy see; the king replied, that if both the emperor and the French king should take the pope's part, he was ready to give battle to them both, in defence of the liberties of the crown. Hereupon more penal laws were devised against provisors, which enact severally, that the court of Rome shall not present or collate to any bishopric or living in England; and that whoever disturbs any patron in the presentation to a living by virtue of a papal provision, such provisor shall pay fine and ransom to the king at his will, and be imprisoned till he renounces such provision: and the same punishment is inflicted on such as cite the king, or any of his subjects, to answer in the court of Rome.

At length, in the reign of Henry VIII. the usurped power of the pope was routed and destroyed, the crown restored to its supremacy over spiritual men and causes, and the patronage of bishoprics once more indisputably vested in the king. This may be considered as the origin of the church of England as a legal establishment.

Henry dissolved the religious houses, and confiscated their revenues through-

out the kingdom; and both monks and nuns were ejected and left to starve. No radical reformation however was wrought; this was reserved for Edward VI., who, seconded by the advice and instruction of Cranmer, with his friend Bishop Ridley, drew up 42 articles of religion, which were revised and approved by many other bishops and divines. This laid the foundation for that superstructure which is now known by the name of the Church of England. These were afterwards remodelled and reduced to 39. They were passed in convocation, and confirmed by royal authority, in 1562. They were afterwards ratified in 1571; and again by Charles I. See ARTICLES.

The Liturgy was composed in 1547, but has since undergone several alterations, the last of which was in 1661. Since that time several attempts have been made to alter and amend the liturgy, articles, and some other things relative to the internal government of the church; but hitherto no change has taken place.

During the last and present century, the question of subscription to articles, and the right of imposing a form of religious belief, was agitated among the clergy, and became the subject of petition to parliament. Laws had also been enacted against those who dissented from the church of England and particularly against the Catholics but in the beginning of the present century, these were repealed. See CATHOLICS, CORPORATION AND TEST ACTS, AND DISSENTERS.

1835. An ecclesiastical commission was appointed for the purpose of considering the state of the church in England and Wales, and of suggesting a plan of church reform. The commission consisted of the archbishops of Canterbury and York, the bishops of London, Lincoln, and Gloucester, Sir Robert Peel, Mr. Goulburn, the Right Hon. C. W. W. Wynn, Henry Hobhouse, and Sir H. Jenner, Knt. The objects proposed for their consideration were—the more equal distribution of episcopal duties; the residence of the clergy; and such an adjustment of episcopal revenues as should permit the discontinuance of grants of commendams. They were also instructed to consider the state of the several cathedral and collegiate churches, with a view to the suggestion

of such measures as might render them more conducive to the efficiency of the established church, by providing for the cure of souls, and by preventing pluralism. A rich prebendal stall at Westminster having become vacant, it was not filled up, but left to be disposed of by the commission. Its revenues were applied for the purpose of furnishing additional spiritual instruction and superintendence in a neighbouring parish, where the existing provision for clerical functions was altogether inadequate to the number of the parishioners.

The first report of this commission was presented to the house of commons March 19. It proposed a new arrangement of the dioceses, and the election of two new bishoprics, one of Manchester, and another of Ripon: the former to be principally taken from the diocese of Chester, while the arch-diocese of York was to supply the latter. The sees of Bangor and St. Asaph were to be united, and those of Llandaff and Bristol; the outlying parts of the diocese of Bristol in Wiltshire and Dorset being joined to that of Salisbury, besides other changes. See DIOCESE.

1836. Several bills were brought into parliament to carry into effect the recommendations of the commissioners regarding pluralities, and non-residence. Lord John Russell introduced into the lower house a bill founded on those recommendations which regarded the new modelling of the episcopal sees, in relation to territory and income; another measure was brought in, to carry the reports fully into effect, by providing for the suppression of cathedral and collegiate preferments, and sinecure benefices, &c.

The bill concerning the territory and revenues of the dioceses, or, as it was termed, the established church bill, passed in the commons by a majority of 175 against 44. The lords, on the 5th of August, agreed to the bill; an amendment proposed by the bishop of Exeter, for the purpose of preventing the commissioners being a perpetual corporation, having been rejected. By another act, the secular jurisdiction of the county palatine of Durham, with all forfeitures, mines, treasure-trove, and other rights belonging to that authority, were transferred from the bishop of the diocese, and vested in the crown. A bill "for imposing certain restrictions on the re-

newal of leases by ecclesiastical persons," likewise passed into a law.

CHURCH OF SCOTLAND, that branch of the reformed church which was established in Scotland. One of the principal agents in the progress of the reformation there was John Knox. He began his public ministry at St. Andrew's in 1547. On the first introduction of his system, Knox did not deem it expedient to depart altogether from the ancient form. Instead of bishops, he proposed to establish 10 or 12 superintendents in different parts of the kingdom. These, as the name implies, were empowered to inspect the life and doctrine of the other clergy. The first general assembly of the church was held December 20, 1560. In order to give greater strength and consistence to the Presbyterian plan, Knox, assisted by his brethren, composed the first book of discipline, which contains the model or platform of the intended policy. From this period to the present time, the form of doctrine, worship, and discipline, that had been established at Geneva by the ministry of Calvin, and introduced with certain modifications by Knox into Scotland, has been maintained with invincible steadiness and zeal.

CHURCH, a christian temple built and consecrated to the honour of God; and anciently, under the invocation of some particular saint, whose name it assumed. In the first ages the christians assembled for social worship in private houses and sequestered places. It is the opinion of many learned men, that they had no public edifices during the three first centuries.

Between the years 211 and 249, during a calm of 38 years, christians, it has been said, were permitted to erect and consecrate convenient edifices for the purpose of religious worship. Under the persecuting edicts of Dioclesian, the christian churches were generally demolished.

The first church publicly built by the christians, some authors maintain to be that of St. Saviour at Rome, founded by Constantine. In that age the christian temples of Antioch, Alexandria, Jerusalem, Constantinople, &c., displayed the ostentatious piety of a prince, ambitious, in a declining age, to equal the perfect labours of antiquity. The most precious ornaments of gold and silver, of silk and gems, were profusely dedi-

cated to the service of the altar, and his magnificence was supported on the basis of landed property. In the space of two centuries, from the reign of Constantine to that of Justinian, there were 1800 churches of the empire, enriched by the gifts of the prince and people.

In the 10th century all Europe was alarmed with a terrifying apprehension, that the day of judgment was at hand, and, among the other effects of this general panic, the churches and monasteries were suffered to fall into ruin. When these apprehensions were removed, the temples were rebuilt, and the greatest zeal was employed in restoring the sacred edifices to their former lustre. Accordingly, during the whole of the 11th century, all the European nations were diligently employed in rebuilding, repairing, and adorning their churches.

In England most of the ancient churches were erected between the 11th and 15th centuries. The Normans had erected magnificent structures in their own country previous to their invasion of England, and when they had firmly established themselves, they displayed great zeal in raising ecclesiastical edifices. The period of the Norman architecture extends from the conquest in 1066, to the death of Stephen in 1154. The edifices in every part of the kingdom bear witness to the industry of these people, and the fifteen cathedrals, whose origin can be certainly ascertained, bear decided marks of Norman architecture.

1711. April 6, it was decided by the Commons that 50 new churches should be erected, for the accommodation of all such as were of the communion of the Church of England, computing 4,750 souls for each church; and they declared their willingness in an address to her majesty, to grant a sufficient supply, in consequence of the benefit that would thus accrue in abolishing schism, and promoting the interests of religion.

About 1820, an act passed (58 Geo. III. c. 45.) appointing commissioners for building of additional churches in populous parishes, in England, empowering government to issue exchequer bills to make grants for that purpose.

1827. The Seventh Annual Report to Parliament states that 69 new churches and chapels had been completed, which afforded accommodation for 107,200 persons (including 59,655 free seats);

that 48 churches and chapels were in progress.

1830. By the 10th Annual Report of the Commissioners appointed under the act for building additional churches, it appears that, in the year ending July, they had completed 25 new places of worship, and determined on, and made provisions for, the erection of 220 in the whole. The commissioners had received additional applications for aid in building churches from 45 places, whose population, of all ages and sects, in the census of 1821, was returned at 985,252 persons; but whose church accommodation was calculated to be only for 134,918. The Exchequer bills issued up to the 6th of July, 1830, for the above purpose, amounted to £1,262,500. Of the churches completed, or in progress, during the preceding year, ten were situated in the metropolis.

The Society for the Enlargement of Churches and Chapels incorporated in 1818, materially promoted this object. They stated in their Twelfth Report dated May 12, 1830, that they had made, in the year preceding, 95 new or additional grants in aid, amounting to £16,200.

1835. The 15th Annual Building Commissioners' Report stated, that since the first institution of the commission, the sum of £1,500,000 in Exchequer bills had been expended under its direction. The number of churches and chapels which had been erected was 212, in which accommodation was provided in pews for 127,617 individuals; in free seats for 155,938: total 283,555.

Since the above time the following churches have been completed.

By the 16th Annual Report, 1836, two chapels affording accommodation for 2,772 persons, including 1,585 free seats, viz. one at North Shields, the other in the parish of St. Mary, at Dover.

1837. By the 17th Annual Report, six new churches had been completed at the following places:—Tredegar, parish of Bedwethy, county of Monmouth; Carmarthen; Sheerness; Newport, county of Monmouth; Habergham Eaves, parish of Whalley, county of Lancaster; and Vincent Square, parish of St. John the Evangelist, Westminster. In the above places of worship accommodation had been provided for 6780 persons, including 3761 free seats.

1838. The 18th Report, this year,

stated that five churches had been completed; and the 19th Report, 1839, announced that 18 more had been completed, affording accommodation for 16,000 persons, including 9773 free sittings. Since their preceding report, 18 others, several of which are in an advanced state, are now in progress, and provide altogether 17,156 sittings, out of which number 9949 are free. Plans for eight other churches have been approved of; and conditional grants of money have been made to 38 parishes and townships in aid of erecting churches and chapels, as also for providing sites for others in 46 different places.

1840. In May, Sir R. H. Inglis brought in a bill proposing a grant of money for increased church accommodation, and an intended system of education in the principles of the established church. This measure received much opposition, both from dissenters and members of the church of England, and was finally rejected in July.

CHURCH BENEFICES, forbidden to be held by foreigners, 1430.

CHURCH MUSIC introduced into worship, 350; choral service first used in England at Canterbury, 677; changed throughout England from the use of St. Paul's to that of Sarum, 1418; cathedral service first published in England, 1550.

CHURCH RATES, a tax grown out of prescriptive usage, collected for the support of the fabrics and worship of the church of England. In consequence of the opposition made by dissenters to this tax, March 18, 1834, Mr. Divett moved a resolution, in the house of commons, "that, in the opinion of this house, it is just and expedient that effectual measures should be taken for the abolition of compulsory payments of church rates in England and Wales." The mover stated, that by a return of the local taxation of the country for the year ending March 27, 1827, the rates appeared to amount to £564,000. The repairs of the churches in one year had cost £248,000; the charges for organs and bells £41,000; for books and wine £46,000; for payments to clerks and sextons £126,000; and for other charges £184,000. Some part of this, indeed, was not now enforced by law; but the rest was enforced, and proved most injurious to the established church by engendering in the dissenters feelings of

dissatisfaction. Lord Althorp stated, that he himself had given notice of a motion on this subject, therefore Mr. Divett, expressed himself willing to await the appearance of the government plan, and withdrew his motion.

1834. April 21, Lord Althorp brought forward his plan, in the shape of a resolution, "that, after a fixed time, church rates should cease and determine, and, in lieu thereof, a sum not exceeding £250,000, should be granted from the land-tax to be applied to the expenses of the fabrics of churches and chapels in such manner as parliament should direct." This proposition however did not appear satisfactory. The friends of the dissenters in the house stated, that they complained of the grievance of being compelled to pay any thing towards the expences of a church which was not their own, and the relief tendered to them was, to continue to pay as much as before, for the same purpose, though in a different shape. The friends of the church objected to the plan, because in their view it questioned the rights of the church, infringed on some of them, and left others on a less sure foundation. On a division, the original motion was carried by 256 to 140; but notwithstanding this majority, and the certainty of ultimate success, ministers proceeded no farther with the proposed measure; and the question of these rates remained at the close of the session in the same unsettled condition in which it had been at the beginning.

1836. A meeting was held in London, Oct. 19, Charles Lushington, Esq., M.P. in the chair, for the purpose of forming a Church-Rate Abolition Society. The object of the society was to effect the entire abolition of church-rates, without any charge upon the consolidated fund or land-tax; and to introduce the principle of upholding the edifices of the Church, and the expenses of divine worship, either by pew-rents, voluntary contributions of the congregations, or by payments out of Queen Anne's Bounty.

1837. Feb. 1. A meeting was held at the Crown and Anchor, in the Strand, to petition parliament for the total abolition of church-rates. A considerable number of members of parliament attended the meeting. Among others the following resolutions were passed unanimously: "That this meeting conceives it

to be a duty devolving upon them, as citizens and christians, to employ all lawful and constitutional means to effect the total abolition of church-rates. That they would most seriously deprecate the imposition of the expenses hitherto defrayed by church-rates, upon the land-tax, the consolidated fund, or any other branch of national revenue; because by such a transfer, the magnitude of the evil of which they complain would be greatly increased, as the opponents of church-rates would be deprived of the power they now possess of resisting the making of a rate; because the application of any portion of the national revenue to ecclesiastical purposes might tend seriously to embarrass the collection of the general taxation; and because it would subject the inhabitants of Scotland and Ireland to the support of the Episcopal Church of England. That an interview be sought by the whole body of delegates, with the Right Hon. Lord Viscount Melbourne upon the subject of church rates; that application be made to his lordship for an appointment."

Next day, about 400 delegates from dissenting congregations and anti-church-rate associations walked in procession from the Crown and Anchor to Downing Street, to have an interview with Lord Melbourne.

At a meeting of the delegates February 3, after their return from the conference with the Right Hon. Viscount Melbourne, it was resolved. "1. That this meeting unanimously express their grateful sense of the kind and polite attention with which the Right Hon. Viscount Melbourne received the delegates, and their concurrence generally in the sentiments expressed by his lordship. 2. That in reference to his lordship's statement; "that he hoped and trusted the measure to be proposed by Lord John Russell would prove satisfactory to all the interests equally concerned in the statement of this great question," this meeting deem it due to their constituents and themselves to declare, that nothing short of the total extinction of church-rates, without commutation, will satisfy their just expectations, and terminate the animosities which the subject of church-rates has created in many of the parishes of the kingdom. 3. That the delegates composing this meeting pledge themselves to continue their

efforts by all constitutional means, to accomplish the object for which they had been appointed and had assembled; namely, the total abolition of church-rates."

CHURCH, STATES OF THE. The pope's dominions in Italy originated with the grant of Pepin, king of the Franks, in 754; Charlemagne confirmed this grant in 774; and in return, received the title of Roman emperor from Leo III. in 800. The structure of the papal temporal power was fully completed in 1075, under Gregory VII. But the tyranny and corrupt life of the popes provoked the Romans to opposition, and they were obliged to transfer their residence from 1305 to 1376, to Avignon.

Julius II. added Bologna to the papal dominions in 1513, and Ancona in 1532. The Venetians were obliged to cede Ravenna; Ferrara was wrested from Modena in 1598, and Urbino was bequeathed to the papal chair in 1626, by its last duke, Francis Maria, of the house of Rovera. The popes lost a great part of their temporal and spiritual influence, to the diminution of which the rapid progress of the reformation from the year 1617 greatly contributed.

After the successes of the French in Italy, the pope was forced, at the peace of Tolentino, Feb. 13, 1797, to cede Avignon to France, and Romagna, Bologna, and Ferrara to the Cisalpine republic. An insurrection in Rome against the French, Dec. 28, 1797, caused the occupation of the city, Feb. 10, 1798, and the annexation of the states of the church to the Roman republic. Pius VI. died in France. The victories of the Russians and Austrians in Italy favoured the election of pope Pius VII., March 14, 1800, who, under the protection of Austrian troops, took possession of Rome.

By the concordat, concluded in 1801, with the first consul of the French republic, the pope again lost a great part of his temporal power. In 1807, the holy father was urged to introduce the code Napoleon, and to declare war against England. He refused; and on the 3rd of April, France was declared to be at war with the pope, and Urbino, Ancona, Macerata, and Camerino, were added to the kingdom of Italy. The possessions of the church beyond the Apennines were all that remained to the pope. Feb. 2, 1808, a French corps

of 8000 men entered Rome; the remainder of the papal states were added to France, and a pension of 2,000,000 of francs settled on the pope, whose ecclesiastical power was to continue. The decree of May 17, 1809, put an end to the ecclesiastical state.

The pope was detained in France until the events of 1814, again permitted him to take possession of his states, as formerly. These provinces are situated in the centre of Italy, between Lombardy, Tuscany, Naples, and the Tuscan and Adriatic seas, and in 1816, with the exception of Rome, Tivoli, and Subiaco, which are under the immediate administration of the pope, were divided into 17 delegations.

CHURCH-WARDENS and overseers instituted, 1127.

CHURCH-YARDS first consecrated, 317; admitted into cities, 742.

CHURCHILL, CHARLES, the satirist, received his education at Westminster school, and was admitted at Trinity college, Cambridge, 1749. In 1761, he published the *Rosciad*. His next performance was his *Apology to the Critical Reviewers*, who had given to the public an unfavourable account of his work. After publishing many other poems of a popular kind, Mr. Churchill died in 1764. Dr. Kippis has justly remarked, that Churchill has "unhappily added another name to the catalogue, already too numerous in literary history, of those men of genius, who would have arisen to a much greater excellence in writing, and to a far more illustrious reputation, had their intellectual talents been accompanied with the uniform practice of virtue."

CHURCHILL, DUKE OF MARLBOROUGH. See **MARLBOROUGH**.

CIBBER, COLLEY, an eminent actor, and dramatic writer, born in London, in 1671. His first essay in writing, was the comedy of *Love's Last Shift*, acted in 1695. *The Careless Husband*, acted in 1704, is reckoned his best play; but none was of more importance to him than the *Nonjuror*, acted in 1717, and levelled against the Jacobites. This laid the foundation for the misunderstanding between him and Mr. Pope, and procured for him from the king a grant of £200, and the office of poet laureat in 1730. He then quitted the stage, except a few occasional performances; and died in 1757, aged 87.

CIBBER, MRS. SUSANNAH MARIA, the sister of Dr. Arne, has been justly celebrated as a great tragic actress. She first appeared on the stage as a singer, in her brother's opera of *Rosamond*; and afterwards sung in Handel's oratorios of *Sampson*, and the *Messiah*, the first time they were performed in England. She died in 1766, aged 57.

CICERO, MARCUS TULLIUS, the celebrated orator, was born at Aspinum, A. U. C. 647, A. C. 107. He applied himself to the study of poetry, at the early age of five years; and while a boy, published a poem called *Glaucus Pontius*, which was extant in the days of Plutarch. Having finished his youthful studies, he was introduced into the forum, and studied the laws under the first lawyers and statesmen of the age. When the Italic war was begun by the principal cities of Italy, to support their claim to the freedom of Rome, Cicero followed the camp of Sylla. During the unhappy dissensions between Marius and Sylla, Cicero returned to the study of eloquence. The first specimen he gave to the public was in defence of S. Roscius, who was acquitted A. C. 81. At the age of 28, he left the Forum, and made the fashionable tour to Greece.

In his 37th year, he was elected ædile by the unanimous suffrages of all the tribes, and in preference to all his competitors. After the usual interval of two years from the time of his being chosen ædile, Cicero offered himself a candidate for the prætorship; and was declared the first prætor by the suffrages of all the centuries. In his 43rd year, he declared himself a candidate for the consulship. The method of choosing was by a kind of ballot. But in Cicero's case, the people were not content with this secret and silent way; but before they came to any scrutiny, loudly and universally proclaimed Cicero the first consul. The affair which constituted the glory of his consulship, and has transferred his name with such lustre to posterity, was the skill he showed, and the unwearied pains he took, in suppressing the conspiracy which was formed by Catiline. See **CATILINE**.

Cicero, in the 45th year of his life, was involved in great and unexpected calamity in consequence of the pollution of the mysteries of the *bona dea*, by P. Clodius. Cicero gave testimony against Clodius, who soon formed a scheme of

revenge. By his influence, Cicero was banished by the votes of the people 400 miles from Italy, A. C. 58; his houses were ordered to be demolished, and his goods set up to sale. When he had been gone little more than ten months, the senate passed a vote for his return, which was carried in a most triumphant manner. He returned to Rome amidst the acclamations of the people. In the 56th year of his age he was made proconsul of Cilicia, and his administration there gained him great honour. In his 61st year he lost his daughter, Tullia, whom he tenderly loved. His affliction at this event was so great that, to shun all company, he retired to Asturia, one of his seats.

The hope of saving his country induced him some time after again to take a part in public affairs; but betrayed by Octavianus, whose cause he had espoused, he was given up to the vengeance of his rivals, Antony and Lepidus. A proscription took place at Rome, A. C. 43, and among many others, he was put to death, December 7, in the 64th year of his age.

As an orator, Cicero is thus characterized by Dr. Blair: "His method is clear, and his arguments are arranged with exact propriety. In this respect, he has an advantage over Demosthenes. He never tries to move till he has attempted to convince; and in moving, particularly the softer passions, he is highly successful. None ever knew the force of words better than Cicero. He rolls them along with the greatest beauty and magnificence; and in the structure of his sentences, is eminently curious and exact. This great orator, however, is not without his defects. In most of his orations there is too much art, even carried to a degree of ostentation. Though the services which he had performed to his country were very considerable, yet he is too much his own panegyrist. Ancient manners, which imposed fewer restraints on the side of decorum, may, in some degree, excuse, but cannot entirely justify, his vanity."

The most celebrated of his works are, his *Tusculan Questions*; a treatise on the *Nature of the Gods*; *Scipio's Dream*; his dialogue, entitled *Cato and Lælius on Old Age* [and *Friendship*]; and his treatises, *De Finibus*, *De Officiis*, and *De Oratore*. The editions of his works have been numerous. Some of the best are

those of Gronovius, 1692; Paris, 1740; and Oxford, 10 vols. 4to., of more recent date.

CIGNY, DUCHESS DE, gold to the amount of 500,000 francs, found in her apartment, at her death, September, 1832.

CILICIA, an ancient kingdom of Asia, so called from Cilix, who first settled in the island of Cyprus, about A.C. 1493; from thence he passed into this country, which, from their leader, they called Cilicia. Afterwards several other colonies from different nations settled in this kingdom, particularly from Syria and Greece; whence the Cilicians in some places used the Greek tongue, in other, the Syriac. After the downfall of the Persian empire, Cilicia became a province of Macedon; and, on the death of Alexander, fell to the share of Seleucus, and continued under his descendants till it was reduced to a Roman province by Pompey.

A.D. 1190, the emperor Frederick Barbarossa subdued Cilicia, and defeated the Saracens; but was killed by his horse throwing him into the river Salphet, or the Cydnus. Cilicia is now a province of Asiatic Turkey, and is called Carmania.

CIMABUE, GIOV., a Florentine historic painter, born 1240, died 1300.

CIMAROSA, the musician, died at Naples, 1801.

CIMBRI, the most northern people of Germany, mentioned by Pliny, Strabo, Mela, Tacitus, and Plutarch; but they are not agreed with respect to their origin. About A.U.C. 645, they left their own country, and joined the Teutones, Ambrones, and Tigurians, ravaged a part of Germany, Helvetia, and the Lyonnese and Narbonnese Gauls, and penetrated into Italy. After several other successes in Italy, during a war of eight years, they were totally defeated and destroyed by Marius and Catulus, A.U.C. 653, in endeavouring to enter Italy, through Noricum, now the Tyrol; 120,000 being killed, and 60,000 taken prisoners. Those who escaped the dreadful slaughter, probably returned into their own country; for they are said to have afterwards sent a submissive embassy to Augustus, and are likewise mentioned by an author of later date; but their name was sunk either in that of the Teutones, or of the Saxons.

CIMON, an Athenian, son of Milti-

ades. He greatly distinguished himself in the naval combat of Salamis, A.C. 480. After the expulsion of the Persians, he was made admiral of the Athenian fleet, which was commanded by Pausanias. Among many other brilliant and important achievements, he reduced the island of Scyros, inhabited by pirates. He pursued the Persian fleet to the mouth of the Eurymedon, and there completely defeated it, destroying many vessels and capturing 200. On the same day, he gained a signal victory over the land forces of the enemy, A.C. 470. He died as he was besieging the town of Citium in Cyprus.

CINCINNATUS, QUINTIUS, an illustrious Roman, of a patrician family, was taken from the plough, to be advanced to the dignity of consul, A.U.C. 292, in which office he restored public tranquillity, and then returned to his rural employments. Being called forth a second time in the capacity of dictator, A.C. 458, he conquered the enemies of Rome, and refusing all rewards, retired again to his farm, after he had been dictator only 16 days. Twenty years after this, Cincinnatus was again made dictator, though then 80 years of age, and called upon to suppress a conspiracy. Having effected this to the satisfaction of his countrymen, he died about A.C. 376.

CINCINNATUS, ORDER OF, began in America, 1783.

CINNA, LUCIUS CORNELIUS, raised himself to the highest honours of the Roman state, by attaching himself to the popular faction; first elected consul A.U.C. 667, during the tyranny of Sylla, though he had been the avowed friend of Marius. At the expiration of the consular year, Cinna nominated himself and Marius consuls for another year. He made himself also consul a third time, with Papirius Carbo. He was slain by his own soldiers, at the port of Ancona, A.U.C. 670. Cinna has been described as one who, having attempted what no good man would have dared, performed what none but a very brave man could have effected.

CINNAMON TRADE, known in the time of Augustus Cæsar; first regularly carried on by the Dutch, in 1506.

CINQUE-PORTS. Five havens that lie on the east part of England, towards France, thus called by way of eminence, on account of their superior importance. They are Dover, Hastings, Romney,

Hythe, and Sandwich; to which Winchester and Rye have been since added. Their charters are traced to the time of Edward the Confessor; they were confirmed by William the Conqueror, and by subsequent monarchs. William considering Dover Castle the key of England, gave the charge of the adjacent coast, with the shipping belonging to it, to the constable of Dover Castle, with the title of warden of the Cinque Ports; an office resembling that of the count of the Saxon coast on the decline of the Roman power in this island. The lord warden has the authority of admiral in the Cinque Ports and its dependencies. He has under him a lieutenant and some subordinate officers; and there are captains at Deal, Walmer, and Sandgate castles, Arcliff fort, and Moats bulwark.

CINTRA, a town of Portugal, in the province of Estremadura. The Moorish palace at this place was destroyed by an earthquake in 1655; King Joseph built another, and equally splendid, on the same site. This place is celebrated in history for the treaty, called the convention of Cintra, entered into between the British general, Sir H. Dalrymple, and the French general, Junot, on August 22, 1808.

CIRCARS, NORTHERN, five provinces of Hindoostan, in the Deccan, extending along the shores of the bay of Bengal. In the 16th century the government of the Circars, under the Mogul dynasty, was vested in the nizam of Deccan, but assigned to the French, in 1752, for arrears of pay due to them as auxiliary forces. In 1759, they were conquered by the English, and formally ceded to the English East India Company, during Lord Clive's administration, by Shah Alum, the Great Mogul.

The local administration of the Circars was continued under the management of the natives, and provincial chiefs and councils, until 1794. The system of a permanent assessment was established during 1802 and 1804, when the province was divided into five regular jurisdictions. From 1788 to 1823 a peshcush was paid annually to the nizam on account of the northern Circars; but in that year the whole was finally redeemed by the payment to the nizam of £1,200,000 sterling.

CIRCASSIA, a government of Caucassia, in Asiatic Russia. After the fall of the Chazaric empire, the Circas-

sians became subject to the Arabs, Tartars, and Georgians, but towards the close of the 16th century submitted to Russia. In 1565, the Czar Iwan Wasiliewitsch sent an army under General Daschkow to the aid of the Circassian prince Temruk; but after Iwan's death they were made tributary to the Crimeans, whose yoke they shook off in the 18th century. Circassia was attacked by the Russians in 1836, but has never been thoroughly subdued. See **RUSSIA**.

CIRCUITS, JUSTICIARY, established 1176; in Scotland, 1712; English extended into Wales, 1828.

CIRCULATION OF THE BLOOD. See **BLOOD**.

CIRCUMCISION instituted, A.C. 1897.

CIRCUMNAVIGATORS of England were Drake, undertaken in 1577; Cavendish, 1586; Cowley, 1683; Dampier, 1686; Cooke, 1708; Clipperton and Shelooch, 1719; Anson, 1740; Byron, 1764; Wallis, 1766; Carteret, 1766; Cook, 1768, 1772, 1776; continued by King, 1780; and since by Portlocke, in 1788. The principal voyages of the present century are those of Wilson, 1828; Bennett, 1833; Holman 1834, &c.

The first that entered the Pacific Ocean was Magellan, a Spaniard, 1520. Other Spanish circumnavigators were Groat, 1537; Avalardi, 1537; Mendana, 1567; Quiros, 1625.

The Dutch circumnavigators were Le Maire, 1615; Tasman, 1642; Roggewin, 1721.

The French were M. Bougainville, 1776; La Perouse, 1782; De Noet, 1801; D'Urville, 1826 to 1829; La Place, 1830 to 1832, and again 1836; &c.

CIRCUS. An edifice in use among the Romans for the exhibition of chariot races and other games. The first permanent circus at Rome was built by Tarquinius Priscus, about A.C. 605, in the valley of Murcia, between the Aventine and the Palatine hills. It obtained the appellation of Circus Maximus from its great superiority in size to those of a later date. It was enlarged by Julius Cæsar, rebuilt and richly ornamented by Augustus. It was three and a half stadia in length, or about 2187 Roman feet, and its breadth 960 feet; and it contained 150,000 persons. In the time of the elder Pliny, the circus maximus had been so much enlarged as to be ca-

capable of containing 260,000 spectators; and Trajan so much increased its dimensions, that an inscription placed over the great gate, of which Dion Cassius has given a translation in Greek, expressed that this emperor had rendered it capable of containing the Roman people. There were many other circuses at Rome.

CIRENCESTER, a town in England of very ancient foundation, was occupied by the Romans; stormed by the Danes in 879. Canute held a parliament here; the castle was garrisoned by Robert, earl of Gloucester, and taken and burned by King Stephen. It was defended by the barons against Henry III., who recovered and then demolished it. Lords Surrey and Salisbury attempting to restore Richard II., were slain at an inn in this town. The townspeople joined the parliament against Charles I., and in 1688 adopted the Stuart cause.

CISALPINE REPUBLIC, proclaimed July 9, 1797, consisting of Austrian Lombardy, the Bergamese, the Brescian, the Cremasco, and other parts of the Venetian states, Mantua and the Mantuan, the duchy of Modena, Massa and Carrara, the Bolognese, the Ferrarese, and the Romagna; the latter three were not added till the 27th of July, nor was the republic definitively formed till after the treaty of Campo Formio, October 17. This republic was new modelled January 26, 1802. Buonaparte, in a sitting of the Cisalpine consulta, convoked by himself at Lyons, accepted the presidency of the Italian republic, originally the Cisalpine republic, which, with its name, changed its constitution. See **ITALY**.

CISBURY FORT, Wiltshire, built by Cissa, 547.

CISTERCIANS, order of, instituted by Robert of Molesme, in 1098; they are also called Bernardines, from St. Bernard, who promoted the order about 1116; they came to England, 1128. In 1132, they were exempted from the payment of tithes, and invested with other privileges and immunities by Innocent II. In 1152, this order had no fewer than 500 convents, all dedicated to the blessed virgin.

CITY. Formerly the term was only understood of such towns as were bishops' sees; but this distinction seems to be recognized only in England. Henry, surnamed the Fowler, who began his reign 920, must be considered

as the great founder of cities in Germany; which he established in order to counteract the incursions of the Hungarians and other barbarous people. In the 11th century many slaves were enfranchised, and numbers of them settled in cities. Several mines were discovered and wrought in different provinces, which, drawing together a great concourse of people, also gave rise to several cities.

In the 12th century the cities began to form leagues for their mutual defence, and for repressing the disorders occasioned by the private wars among the barons, as well as by their exactions. The free cities of Italy joined together in a general league, and stood in their defence; and after a long contest, carried on with alternate success, a solemn treaty of peace was concluded at Constance, in 1183, by which all the privileges and immunities granted by former emperors to the principal cities of Italy were confirmed and ratified.

In England the establishment of communities or corporations, was posterior to the conquest; and the practice was borrowed from France. The English cities were very inconsiderable in the 12th century. It is said that they were first incorporated in 1201, and first represented in parliament in 1366. See **CORPORATIONS**.

CITY OF LONDON SCHOOL, Honeylane Market, Cheapside, founded 1835. The first stone was laid by Lord Brougham, October 21, in the presence of the committee appointed by the common council to superintend the institution, and the officers of the corporation. A very large assemblage was present; and in the evening the event was celebrated by a dinner at the City of London Tavern.

CIUDAD RODRIGO, town of Spain, founded by Ferdinand II., as a rampart or barrier town. The fort surrendered to Massena the French general, July 10, 1810. It was stormed and taken by the duke of Wellington, after a siege of 11 days, January 19, 1812. The cortes conferred the title of duke of Ciudad Rodrigo upon the duke of Wellington, with the rank of a grandee of Spain of the first class.

CIVIC FEAST at Guildhall, given by the citizens of London to the prince regent, the emperor of Russia, the king of Prussia, and their field-officers, 1814.

CIVIL LAW, as applied to the legal

institutions of ancient Rome, was for the most part, received and observed throughout all the Roman dominions for above 1200 years. It is contained in the institutes, the digest, the code, and the novels, otherwise called *lex scripta*, or the written law. It was little known in Europe, till a copy of Justinian's "Digests" was accidentally found at Amalfi, in Italy, about the year 1130. After this time the study of it was introduced into several universities abroad, particularly that of Bologna, where exercises were performed, lectures read, and degrees conferred in this faculty, as in other branches of science.

It was first brought into England by Theobald, a Norman abbot, who was elected to the see of Canterbury in 1138, and he appointed a professor, namely, Roger surnamed Vicarius, in the university of Oxford, to teach it to the people of this country. King Stephen, 1149, issued a proclamation prohibiting the study of it; though the clergy were attached to it, the laity rather wished to preserve the old constitution. However, the zeal and influence of the clergy prevailed; and the civil law acquired great reputation from the reign of King Stephen to the reign of King Edward III., both inclusive.

Many manuscripts of Justinian's Institute are to be found in the writings of our ancient authors, particularly of Bracton and Fleta; and Judge Blackstone observes that the common law would have been lost and overrun by the civil, had it not been for the incident of fixing the court of common pleas in one certain spot, and the forming the profession of the municipal law into an aggregate body.

In England the civil law is used in the ecclesiastical courts, in the high court of admiralty, in the court of chivalry, in the two universities, and in the courts of equity; yet in all these it is restrained and directed by the common law.

CIVIL LIST. The expenses formerly defrayed by the civil list were those that in any shape relate to civil government: as the expenses of the household; all salaries to officers of state, to the judges, and each of the king's servants; the appointments to foreign ambassadors; the maintenance of the queen and the royal family; the king's private expenses, or privy purse; and other very numerous outgoings. These have sometimes so

far exceeded the revenues appointed for that purpose, that application has been made to parliament to discharge the debts contracted on the civil list, particularly in 1724, when one million was granted for that purpose, by the statute 11. Geo. I. cap. 17; and in 1769 and 1777, when half a million and £600,000. were appropriated to the like use, by the statutes 9 Geo. III. cap. 34. and 17 Geo. III. c. 47. Many of these expenses are now charged on the consolidated fund, and the civil list comprehends chiefly the support of the royal household.

The Act 1 Victoria, c. 2., Dec. 23, 1837, entitled, "An Act for the Support of Her Majesty's Household, and of the Honour and Dignity of the Crown of the United Kingdom of Great Britain, and Ireland," after reciting several preceding acts, and that her majesty had been graciously pleased to signify to her faithful commons in parliament assembled, that her majesty placed unreservedly at their disposal those hereditary revenues which were transferred to the public by her immediate predecessors, &c., enacts that the power of existing acts as to hereditary revenue, shall remain in force; and that they shall be carried to the consolidated fund during the life of her majesty; but after her demise shall be payable to her successors. The clear yearly sum of £385,000. shall be paid out of the consolidated fund for the support of her majesty's household, and of the honour and dignity of the crown; to be applied according to the schedule. So much of the sum of 200,000*l.* granted by an act of last session to make civil list payments as shall have been so applied shall be repaid out of the money granted for the civil list by this act. Provisions of all former civil list acts to remain in force for the purposes of this act.

CIVITA VECCHIA, a town of Italy, States of the Church, was improved by the emperor Trajan, fortified by Pope Urban VIII, and declared free by Benedict XIV. in the year 1741. Nearly destroyed by an explosion, Sept. 1779; taken by the French, Feb. 1799, and evacuated in Sept. following. Although the wealth and population of the country round Civita Vecchia is much fallen off in modern times compared with antiquity, it still continues to be the entrepôt of Rome, and engrosses almost the entire trade of the papal dominions on

the side of the Mediterranean. Of the vessels entering the ports on the Mediterranean in 1833, full three-fourths entered Civita Vecchia,

CLAIRAUT, ALEXIS CLAUDE, a celebrated French mathematician, born at Paris in 1713. In his 13th year he read to the academy of sciences a memoir upon four new geometrical curves. In 1731, he was nominated adjunct mechanician to the academy; in 1733, associate; and in 1738, pensioner. In 1750, the academy of Petersburg proposed a prize for the year 1752, on the subject of the lunar motions, which Clairaut obtained, and his paper on the subject was printed at Petersburg in that year, in 4to. He also gained another prize for his lunar tables, published in 1754.

About the year 1756, commenced the dispute between Clairaut and D'Alembert, concerning their respective theories, which engaged the public attention for some years; the papers of Clairaut, relating to this controversy, were published in the "Journal des Savans," for 1758, 1759, 1761, and 1762. Clairaut also published the following works separately; "On Curves of a double Curvature," in 1730, 4to.; "Elements of Geometry," 1741, 8vo.; "Theory of the Figure of the Earth," 1743, 8vo.; "Elements of Algebra," 1746, 8vo.; and "Tables of the Moon," 1754, 8vo. He died May 17, 1765, aged 52.

CLAPHAM CHURCH, built 1777.

CLAPPERTON, HUGH, the African traveller, was born at Annan, in Scotland, in 1788. At the age of seventeen he was bound an apprentice to the sea, and became the cabin-boy of Captain Smith, of the Postlethwaite, of Maryport, trading between Liverpool and North America; in her he repeatedly crossed the Atlantic, and was distinguished even when a youth for coolness, dexterity, and intrepidity. On one occasion, the ship, when at Liverpool, was partly laden with rock-salt, and, as that commodity was then dear, the mistress of a house which the crew frequented, enticed Clapperton to bring her a few pounds ashore in his handkerchief. After some entreaty the youth complied; and, being detected by a custom-house officer, was menaced with the terrors of trial and imprisonment, unless he consented to go on board the Tender. He chose the latter alternative, and, after being

sent round to the Nore, was draughted on board the Clorinde frigate commanded by Captain Briggs. Through the influence of friends combined with his own professional merit, Clapperton was speedily promoted to the rank of midshipman.

1813. Clapperton and a few other clever midshipmen, were ordered to repair to Portsmouth dockyard, to be instructed by the celebrated swordsman Angelo, in what was called the improved cutlass exercise; this he taught the crew on board the Asia, seventy-four, the flag-ship of vice-admiral sir Alexander Cochrane, and since engaged at Navarino. Her admiral had been intrusted with the command of our whole naval force on the coast of North America, and was making every thing ready to sail for his final destination. But the active work going forward on the lakes, had more attraction for Clapperton's enterprising mind, and, having procured a passage in a vessel to Halifax, he bade adieu to the flag-ship, to the regret of every individual on board. From Halifax he proceeded to Upper Canada, and, shortly after his arrival, was made a lieutenant, and subsequently appointed to command the Confidence schooner.

1817. When our flotilla on the American lakes was dismantled, Lieutenant Clapperton returned to England, on half-pay, and ultimately retired to his grandfather's native burgh of Lochmaben. There he remained till 1820, amusing himself with rural sports, when he removed to Edinburgh, and, shortly after, became acquainted with Dr. Oudney, at whose suggestion he first turned his thoughts to African discovery.

Next year Major Denham, Captain Clapperton, and Dr. Oudney, undertook to penetrate from Tripoli southward into the interior of Africa. They arrived at Tripoli in November, 1821, and were kindly received by the pacha. Those enterprising travellers with their servants, amounting in all to 13 persons, set out from Tripoli March 5, 1822, with about 200 Arabs, and, travelling in a southern direction, passed through Mourzuk and Tegerhy, in lat. 24, N., the southern limit of Captain Lyon's travels, and arrived at Kouka, the capital of Bornou, February 24, 1823, having travelled over a space of 2000 miles.

Dr. Oudney having died January 12, 1824, on his journey, Clapperton reached

Sackatoo, the residence of the sultan Bello, February 16, and entered the city amid the hearty welcomes of young and old. The morning after his arrival, Captain Clapperton had his first interview with the sultan, at his palace. Left Sackatoo May 3, on his return. After spending a few weeks at Mourzuk, to recover their strength, our travellers, on Dec. 12, commenced their return to Tripoli, which they reached Jan. 26, 1825.

August 1826, Captain Clapperton undertook a new journey, for the purpose of further exploring the interior of Africa. He landed at Benin, and his object was to pursue a north-easterly course to Sackatoo or Bornou, on the supposition that he would cross the course of the Niger in its way to the Bight of Benin. He was not destined, however, to witness the successful termination of the adventure. He died at Sackatoo, April 13, 1827, where he had been detained for five months, in consequence of the sultan Bello of Sackatoo not permitting him to proceed, on account of the war with Bornou. His illness lasted thirty-two days. The morning on which he died, he breathed loud and became restless, and shortly after expired in the arms of his faithful servant Richard Lander, afterwards well known as the discoverer of the termination of the Niger. He was buried by him at a small village (Jungali,) five miles to the S. E. of Sackatoo, and was followed to his grave by his faithful attendant and five slaves.

CLARE HALL, Cambridge, founded 1326.

CLARENCE, DUKE OF, born Aug. 21, 1765; married July 11, 1818, to the princess of Saxe Meiningen, succeeded his brother George IV. on the throne of England, June 26, 1830, with the title of William IV. See BRITAIN.

CLARENDON, EDWARD HYDE, EARL OF, lord high chancellor of England, and an eminent statesman and historian, born in 1608. In 1640, he was chosen for Wotton Bassett and Shaftesbury, in the parliament summoned by Charles I. on account of the Scotch rebellion. In the year 1642, the king sent for him to York, where he assisted in drawing up various papers in the cause of the falling monarch. He was recalled by parliament, but he refused to obey the summons without the royal permission.

After the breaking out of hostilities between the king and parliament, when the royal court was held at Oxford, Hyde was appointed chancellor of the exchequer, sworn a member of the privy council, and created a knight. He continued with his majesty till March, 1644, when he was appointed to accompany Prince Charles to the West, and afterwards to the island of Jersey. In 1648, he received orders to attend the prince at Paris, and after the death of Charles I., the council of the young king determining to send ambassadors to Spain made choice of Sir Edward Hyde and Lord Collington, who arrived at Madrid in 1649.

Before the restoration his majesty made him lord chancellor of England in 1657, upon the death of Sir Edward Herbert; and he spared no exertions to promote the restoration of his royal master to his lost dominions. He was chosen chancellor of the university of Oxford in 1660, and at the same time created a peer: in the year following he was made Viscount Cornbury and earl of Clarendon.

Some public affairs having rendered him unpopular, he was, notwithstanding his former services, abandoned to the indignation of the people, and driven from every office of public trust in the month of August, 1667. He was charged with the crime of high treason by the house of commons, but the peers refused to commit him on their charge; and while the dispute was undetermined, Clarendon received his majesty's orders to quit the kingdom. Having spent some time at Moulins, he fixed his residence at Rouen, where he died in December, 1674, in the 68th year of his age.

His remains were brought to England and interred in Westminster Abbey. He was the author of "Contemplations and Reflections on the Psalms," "Animadversions on a book of Mr. Cressy's in the Roman Catholic controversy;" "A brief view of the Errors in Hobbes's Leviathan;" but his chief work was his "History of the Rebellion."

"As an historian, Clarendon will ever be esteemed an entertaining writer, even independently of our curiosity to know the facts which he relates. He is more partial in appearance than in reality. He is less partial in his relation of facts than in his account of characters: he was too honest a man to falsify the former; his

affections were easily capable, unknown to himself, of disguising the latter."

CLARENDON PRESS, printing-office, Oxford, founded 1781.

CLARENDON STATUTES, or CONSTITUTIONS, a charter or code of laws established by the parliament at Clarendon in Wiltshire, 1164; 16 articles of which related particularly to ecclesiastical matters, and were designed by King Henry II. to check the power of the pope and his clergy, and to limit the total exemption which they claimed from the secular jurisdiction.

CLARKE, DR. SAMUEL, a learned divine, born at Norwich, in 1675. In 1691, he entered Caius college, Cambridge. In 1699, he published "Three Practical Essays on Baptism, Confirmation, and Repentance." "Some Reflections on that part of a book called Amyntor, or, a Defence of Milton's Life, which relates to the writings of the Primitive Fathers, and the Canon of the New Testament." In 1701, "A Paraphrase on the Gospel of St. Matthew," which was followed by the "Paraphrase on the Gospels of St. Mark, St. Luke, and St. John." In 1704, he was appointed to preach "Boyle's Lectures," and he chose for his subject, "The Being and Attributes of God;" and in 1705, he was again appointed, when he preached on the "Evidences of Natural and Revealed Religion." In 1712, Dr. Clarke published a beautiful edition of "Cæsar's Commentaries." In 1715 and 1716, he disputed with the celebrated Leibnitz, respecting the principles of natural philosophy and religion; and a collection of the papers which passed between them was published in 1717. In 1724, he published 17 sermons, and in 1729 the 12 first books of Homer's Iliad. He died in May, 1729.

CLARKE, DR. EDWARD DANIEL, an eminent English traveller, born 1768. He was professor of mineralogy and librarian of the university of Cambridge. Soon after taking his degree Dr. Clarke accompanied the late Lord Berwick abroad, and remained for some time in Italy. Shortly after his return to England, he embarked on those travels which have rendered his name celebrated throughout Europe. Upon his return from this extensive tour, during which he had visited nearly the whole of Europe, and parts of Asia and Africa, Dr. Clarke presented to the university those

memorials of his travels which now decorate the vestibule of the library. As some return, he was complimented in full senate with the degree of L.L.D. He died at Cambridge after a severe and painful illness, March 9, 1822.

CLARKE, ADAM, an eminent divine and commentator, born at Maggerafelt, about 30 miles from Londonderry, in 1760. He was introduced at an early age to John Wesley, who invited him to become a pupil in Kingswood School, then recently established. Whilst there, he purchased out of his scanty pocket-money, a Hebrew grammar, the study of which laid the foundation of his acquirements in Oriental learning. In 1782, Mr. Wesley appointed him, though only 19 years of age, to the circuit of Bradford, Wilts. Mr. Clarke continued to travel in various circuits until 1805, after which he remained in London for several years, and devoted a great portion of his time to literature and bibliography. His first publication was a "Dissertation on the Use and Abuse of Tobacco," printed in 1797; his next, an undertaking of much more laborious character, was, "A Bibliographical Dictionary, containing a Chronological Account of the most curious books in all departments of literature, from the infancy of printing to the beginning of the 19th century; to which are added, an 'Essay on Bibliography,' and an 'Account of the best English Translations of each Greek and Latin classic,'" 1802, 6 vols. 12mo. and 8vo. Also the "Bibliographical Miscellany, or, a 'Supplement to the Bibliographical Dictionary, down to 1806,'" 2 vols. 12mo. and 8vo.

1805. He received the honorary degree of M. A., and in the following year that of L.L.D., from the university of St. Andrews; and he was subsequently chosen to be a member of the Royal Irish Academy. During the several years of his residence in London, Dr. Clarke was closely engaged upon his "Commentary on the Bible," but at the same time, he fulfilled the duties of his station as a preacher, and took a part in the management of various associations for literary, scientific, and benevolent purposes. He also edited Baxter's several works, and was the author of many anonymous articles published in the "Classical Journal," in some early numbers of the "Eclectic Review," and in various other journals.

1807. Dr. Clarke was appointed one of the sub-commissioners of the public records. In 1808, he prepared several long and luminous reports on the origin and progress of that great national work, "Rymer's Fœdera," and suggested a plan as to the best mode of selecting, arranging, and editing the materials necessary for its projected Supplement and Continuation. After a consideration of these several reports, the commissioners came to the resolution that the work would be best executed by a consolidation of all the old and new materials in a chronological series, but only three volumes of the new edition have been published. His learned "Commentary" on the Bible, the monument by which he will be best known to future times, appeared under this title: "The Holy Scriptures, &c., &c., with the marginal readings, a collection of parallel texts, and copious summaries to each chapter; with a Commentary and Critical Notes, designed as a help to the better understanding of the Sacred Writings," 8 vols. 4to., 1810-1826.

1815. Dr. Clarke was persuaded by some of his friends, who had observed with solicitude the decline of his health, to relinquish, for a time, all public pursuits, and retire into the country. By their munificence, an estate was purchased for him at Millbrook in Lancashire, where he continued his Commentary, and brought it nearly to a close. In 1818, the third year of his residence at Millbrook, he received into his house, at the request of the Wesleyan Missionary committee, and of Sir Alexander Johnston, two Buddhist priests, whom that gentleman, at their own request, brought over from Ceylon, that they might be instructed in the principles of Christianity. His earnest desire for the due instruction of his two pupils, caused him to compile his "Clavis Biblica," which was published in 1820. During 20 months the priests were carefully instructed by him in the English language and in the evidences of our religion. In 1823, Dr. Clarke came to reside at Haydon-hall, in the parish of Ruslip, about 17 miles from London. In this abode he concluded his Commentary, on April 17, 1826; and he resided there till the time of his death, which took place August 26, 1832.

CLARKE, MR., murder of, by Housman and Eugene Aram, discovered

after a lapse of 13 years, August, 1759.

CLARKE, HEWSON, the author of the "Saunterer," born 1787, died 1818.

CLARKSON, CHRISTOPHER, an English historian, born 1758, died 1833.

CLARKSON, THOMAS, commenced his exertions for the suppression of the slave trade, 1787; presided at the anti-slavery convention, June, 1840. See SLAVERY.

CLASSICAL BOOK, the first published in Russia was "Cornelius Nepos," on April 29, 1762.

CLAUDE, JOHN, a French protestant divine, born in 1618. In 1645, he was ordained pastor of the church at La Treyne. In 1661, he visited Paris, in order to obtain the remission of the prohibition issued by the council against the exercise of his ministry in the province of Languedoc; but not meeting with success, he retired to Montauban. In 1766, he drew up his "Essay on the Composition of a Sermon," for the use of his only son, who was then entering the ministry. About 1680, he held a conference with Bossuet, then bishop of Condom, on the protestant religion. On the revocation of the edict of Nantz, he retired to Holland, where he met with a kind reception, and was honoured with a pension by the prince of Orange. He died in 1687.

CLAUDE LORRAINE, an eminent painter. See LORRAINE.

CLAUDIAN, CLAUDIUS CLAUDIANUS, an eminent Latin poet, who flourished in the fourth century, under the emperor Theodosius, and under his sons Arcadius and Honorius. He came to Rome 395, when he was about 30 years old. Little is known of his subsequent history, and the time of his death is uncertain.

CLAUDIUS I., emperor of Rome, his expedition into Britain, 43; died 54.

CLAUDIUS II. defeated the tyrant Aureolus, 268; gained a great victory over the Goths, &c., 269; died of the plague, 270.

CLEHANGER HOUSE, Herefordshire, destroyed by fire, January 3, 1794.

CLEMENS ROMANUS, one of the apostolical fathers, and first bishop of Rome of that name. He is said to have been born at Rome, and to have been fellow-labourer with St. Peter and St. Paul; and he is supposed to be the Clement to whom St. Paul alludes in

Phil. iv. 3. Eusebius says, that in the beginning of Trajan's reign Clement still governed the church of Rome, who was the third in that succession, after Paul and Peter, and that he died in the third year of Trajan (that is, 100), having been bishop nine years. The Epistle of Clement, still extant, appears to have been written in the name of the whole church of Rome to the church of Corinth, and therefore it is called at one time the Epistle of Clement, and at another the Epistle of the Romans to the Corinthians. It appears, from expressions that occur in it, to have been written after some persecution, either that of Nero, about 64, or that of Domitian in 94, or 95.

CLEMENTI, MUZIO, the celebrated pianist, was born in 1752, at Rome. When little more than twelve years old he wrote, without the knowledge of his master, a mass for four voices. About 1764 he came to England, where he was soon after engaged to preside at the harpsichord in the orchestra of the King's Theatre. In 1780 he made a tour on the continent, whither his compositions and the fame of his talents had long preceded him. At Paris he remained till the summer of 1781, when he proceeded, by the way of Strasburg and Munich, to Vienna, enjoying every where the patronage of sovereigns, the esteem and admiration of his brother musicians, and the enthusiastic applauses of the public. At Vienna he became acquainted with Haydn, Mozart, Salieri, and many other celebrated musicians.

1783. J. B. Cramer, then about fourteen years old, became Clementi's pupil, and attended him almost daily. From 1784 to 1802 he continued in London, pursuing his professional career with increasing reputation as an instructor, composer, and performer. About the year 1800, upon the failure of the house of Longman and Broderip, he was induced by the representations of some eminent mercantile men, to engage in the music publishing and piano-forte manufacturing business. A new firm was quickly formed, at the head of which was Mr. Clementi's name. Availing himself of the peace of 1802, he proceeded in the autumn of that year for the third time to the continent, where he remained eight years. Attempting to return, he was interrupted by the war, by which all communication for some time was suspended. At length, in the summer of

1810, he landed in safety on the British shores.

Subsequently, he adapted the twelve symphonies of Haydn for the piano-forte, flute, violin, and violoncello; the "Seasons" of Haydn, for voices and piano-forte; Mozart's overture to "Don Giovanni," and various select pieces from the vocal works of the same great master. In the years 1820 and 1821 he published several original works for the piano-forte, and an arrangement of the six symphonies of Mozart for the same instrument, with accompaniments. In the mean time he also gave the musical world two elementary books of the highest value: his "Practical Harmony," which was published in four volumes, between 1811 and 1815; and his "Gradus ad Parnassum," in three volumes. He died April 16, 1832, at his cottage in Worcestershire.

CLEMENT'S INN, society of, founded 1471.

CLEOBURY CASTLE, Shropshire, built 1160.

CLEOMENES II., king of Lacedemon, born A.C. 235; his war with Aratus, 227; put the Ephori to death, 225; was defeated, and retired into Egypt, 222; died 220.

CLEOPATRA, queen of Egypt, the eldest daughter of Ptolemy Auletes, ascended the throne A.U.C. 703; A.C. 51. Poisoned her brother, A.C. 43; captivated Marc Anthony, but deserted him in the battle of Actium, 31; destroyed herself, 30. With her terminated the family of Ptolemy Lagus, the founder of the Egyptian monarchy, after it had ruled over Egypt, from the death of Alexander, 294 years; or, as others affirm, 293 years and three months. From this time Egypt was reduced to a Roman province.

CLERC, JOHN DE LE, an eminent scholar and critic, was born at Geneva, in March, 1657. His first publication appeared anonymously at Saumur, in 1679, under the title of "Liberii de Sancto Amore Epistolæ Theologicæ." In 1685 he published his "Sentimens de quelques Theologiens de Hollande sur l'Histoire critique du Vieux Testament, composée par M. Rich Simon." In 1686, he commenced his "Bibliothèques," a series of papers comprising critical analyses and reviews of the most remarkable publications of the time, interspersed with a variety of original essays and disquisitions on such topics as ex-

cited the chief attention of literary men. Le Clerc continued this laborious course of writing until the year 1728, when a paralytic attack suspended his pursuits, by materially impairing his intellectual powers. In 1732, a second attack deprived him of speech, and reduced him to a state little better than idiocy, in which he continued to the time of his death, which took place in 1736, in the 79th year of his age.

CLERGY, BENEFIT OF, Privilegium Clericale, an ancient privilege whereby one in orders might claim to be delivered to his ordinary to purge himself of felony. Originally the law was held that no man should be admitted to the benefit of clergy, but such as had the "habitum et tonsuram clericalem." But, in process of time, a much wider and more comprehensive criterion was established; every one that could read being accounted a clerk, or clericus, and allowed the benefit of clerkship, though neither initiated in clerkship, nor trimmed with the holy tonsure. But when learning began to be more generally disseminated than formerly, it was found that as many laymen as divines were admitted to the privilegium clericale; and therefore by statute 4 Henry VII. c. 13, a distinction was once more drawn between mere lay-scholars and clerks that were really in orders. This distinction was abolished for a time by the statutes 28 Hen. VIII. c. 1; and 32 Hen. VIII. c. 3; but was held to have been virtually restored by statute 1 Edw. VI. c. 12.

Afterwards it fell into disuse, and was formally abolished by 7 and 8 Geo. IV. c. 27, passed June 21, 1827, entitled "an Act for repealing various Statutes in England, relative to the Benefit of Clergy," &c. "In order that the provisions contained in the various statutes now in force, in England, relative to the benefit of clergy, larceny, stealing, burglary, robbery, and threats for the purpose of robbery or extortion, might be amended, and consolidated into one act, those statutes are repealed; and also, with the same view, are repealed the various statutes relative to malicious injuries to property, and to remedies against the hundred."

CLERGY, excluded from seats with Irish parliament, Hen. VIII. 1536; voluntarily resigned the privilege of taxing themselves, 1664. Extreme distress of the clergy in Ireland by the resistance

to paying tithes, 1832. Bill passed for their relief, 1833.

CLERGY OF FRANCE renounced their privileges, May 20, 1809.

CLERGY, SONS OF THE, a benevolent institution, incorporated by charter July 1, 1678.

CLERGYMEN'S SONS, &c., a society established in Scotland, Oct. 1794.

CLERK, JOHN, the author of the celebrated "Treatise on Naval Tactics," and the inventor of the system of naval tactics, (namely, piercing the enemy's line,) under which the British navy has acquired glory so unrivalled, died 1812.

CLERKENWELL, monastery of, founded 1098; burnt by a mob, 1381; new church, first stone of, laid Dec. 18, 1788.

CLEVE ABBEY, Somerset, founded in 1198.

CLEVELAND, JOHN, popular poet, born 1613, died 1658.

CLEVES, town of Prussia, taken 1760; by the French, 1794.

CLIEFDEN, house burnt down, May 14, 1795.

CLIFF-WAGGON, for communicating with shipwrecked persons, at the bottom of high cliffs, to whom there is not access from the summit, or by boats, on account of the heaviness of the sea, and the rocky nature of the coast, invented by James Davison, in 1826.

CLIFFORD, GEORGE, earl of Cumberland, born 1558, died 1605.

CLIFFORDS' INN SOCIETY, established, 1345.

CLINTON, GEORGE DE WITT, governor of New York, was the youngest son of Samuel Clinton, formerly British governor there, and was born in 1740. He was educated for the bar, in which profession he continued till the commencement of the revolution in 1775. On the declaration of the independence of America, he took an active part in forming a constitution for the state of New York; and in 1787, was elected governor, in which he continued till 1795, when he retired on account of ill-health, but was again elected in 1801. After that period he was also elected vice-president of the union. He died in 1828, aged 88.

CLINTON, SIR HENRY, a distinguished British general, born in 1771. In 1786, he embarked as a midshipman, in the Salisbury, captain Erasmus Gore, carrying the broad pennant of commodore Elliott, and went to Newfoundland. In 1787, he resided at Maestricht, and

served temporarily in one of the Brunswick battalions there. In that service he continued from the autumn of 1788, to the end of the summer of 1789; during which interval he passed through every duty, from the common soldier to that of the corporal, sergeant, and sub-lieutenant, as is customary in the German service. He was appointed to an ensigncy in England, in the 1st regiment of foot guards, and joined that corps in the autumn of 1789; from which time, till the end of the campaign in 1815, his life was a series of active, and for the greater part of it, of very distinguished, military service.

1803. He embarked for the East Indies, having been appointed adjutant-general to the king's troops in that country; and in 1806, went out with the 3rd battalion of guards, part of the brigade when proceeding to Sicily, and served in that island till the latter end of 1807. He returned to England early in 1808, and in the spring of that year, he was appointed to the command of a brigade, forming part of the troops which proceeded in the month of May, under Sir John Moore, to Sweden.

1811. He was appointed, (having then obtained the rank of major-general) to a brigade in Portugal. Lord Wellington appointed him to the command of the 5th division of the army; at the head of which he continued, with the exception of two short leaves of absence on account of ill-health, till the evacuation of France by the British army in the summer of 1814. In the month of June, 1815, on the ever memorable day of Waterloo, Sir H. Clinton commanded a division of the corps under Lord Hill. Here Sir Henry's public life may be considered as closed; for although he was with his division during a part of 1817, he was never entirely free from a malady with which he was attacked in the month of June, 1816. He died at Ashley, near Lymington, Hants, Dec. 11, 1829, in the 58th year of his age.

CLITHEROE CASTLE, Lancashire, built in 1171.

CLITHEROW, MRS., in Crown-court, near Moorfields, with her family and lodgers, consisting of 11 persons, were blown up while making fireworks by candle light, November 3, 1791.

CLIVE, ROBERT LORD, the celebrated hero of India, born in 1725, at Styche, in Shropshire. When about 18

years of age, he was sent as a writer in the East India service to Madras; but being of a military turn, he entered the army first as an ensign, but soon obtained the rank of lieutenant. He first distinguished himself at the siege of Pondicherry, in 1748; and afterwards performed many noble actions. He was acknowledged to be the first who roused his countrymen to spirited action, and raised their reputation in the east; and on his return to England, in 1753, he was presented by the court of directors with a sword set with diamonds.

He returned to India in 1755, as governor of Fort St. David, with the rank of lieutenant-colonel in the king's troops; when in conjunction with Admiral Watson, he reduced Angria the pirate, and took Geria, his capital, with all his accumulated treasure. On the loss of Calcutta, and the well known barbarity of Dowlah, they sailed to Bengal, where they took Fort William, in January, 1757; and Colonel Clive defeated Dowlah's army at the famous battle of Plassey. See PLASSEY. He commanded in Bengal the two following years, and was honoured by the mogul with the dignity of an omrah of the empire.

1760. He returned to England, where he received the unanimous thanks of the company, was elected member of parliament for Shrewsbury, and was raised to an Irish peerage by the title of baron of Plassey. In 1764, fresh disturbances arising in Bengal, Lord Clive undertook the presidency. On his arrival in India, he quickly restored tranquillity to the province, and having raised the highest ideas of British power in the minds of the natives, he returned home in 1767. In 1772, a motion was made in the House of Commons, purporting that he had abused the power entrusted to him in India, by using improper means in acquiring wealth; and though he succeeded in defending himself from this charge, and a resolution was passed that he had rendered his country essential service: he sank into a state of depression, which at last induced him to put an end to his life, in 1774, leaving a widow and five children. He bequeathed £70,000 to the sick in the company's service.

"In the awful close of so much prosperity and glory," says the Edinburgh reviewer of Sir John Malcolm's life, "some men so far forgot the maxims both of religion and of philosophy, as

confidently to ascribe the mournful event to the just vengeance of God, and the horrors of an evil conscience. It is with very different feelings that we contemplate the spectacle of a great mind ruined by the weariness of satiety, by the pangs of wounded honour, by fatal diseases, and more fatal remedies. Clive committed great faults; and we have not attempted to disguise them. But his faults when weighed against his merits, and viewed in connexion with his temptations, do not appear to deprive him of his right to an honourable place in the estimation of posterity."

CLOCK-MAKERS, three from Delft, first settled in England, 1568.

CLOCKS, called water-clocks, first used in Rome, A.C. 158. Clocks and dials first set up in churches in the 14th century; one at Bologne, 1356; another at the palace of Charles V. 1364; a striking clock in Westminster, 1368, made by three Dutchmen; the first portable one made, 1530; none in England that went tolerably till that dated 1540, now at Hampton-court palace; clocks with pendulums, &c., invented by one Fromantil, a Dutchman, about 1656. The first made in England with a pendulum, was in the year 1662, about which time they became common there.

Clocks in the parishes of St. Giles, St. Bride, &c., &c., London, lighted with gas, 1831. An *ad valorem* duty of 25 per cent. is laid on foreign clocks which produced in 1832, £6,024 8s. nett. It is principally derived from the wooden clocks brought from Holland and Germany.

1840. A new mode of illuminating clocks invented. The Horse Guards clock was illuminated for the first time, July 16, by means of the "Bude light," which falls on the face; thus differing from the ordinary transparent clocks, to which it is much superior, both in clearness and beauty. It gives the clock face an appearance of being shone upon by a very powerful moonlight. See **BUDE LIGHT**.

CLOCKS AND WATCHES taxed, 1797; tax repealed, 1798.

CLODIUS the Roman tribune, with his friends and servants, assassinated by T. Aunius Milo, for having refused him the consulship, A.C. 52.

CLONDALKIN, Ireland, powder mills at, blew up, and shattered the dwellings to a considerable distance around; only two lives lost, April 15, 1787.

CLOTH, coarse woollen, introduced into England, 1191; first made at Kendal, 1390; medleys first made, 1614.

1839. A machine was invented, by an American, for the making of broad or narrow woollen cloths without spinning or weaving. The machines are patented in this and every other manufacturing nation. Should this machine succeed to any thing near the expectation of the patentees, its abridgment of labour, as well manual as by machinery, will be very great. It is calculated that one set of machinery, not costing more than £600, will be capable of producing 600 yards of woollen cloth, 36 inches in width, per day, of 12 hours.

CLOTH OF GOLD, festival of, held June 7, 1820.

CLOUD, ST., town in France, the favourite residence of the monarchs of that nation. Here Henry III. was assassinated by Clement, August 2, 1589; and it is also celebrated for the order of the 18th Brumaire, 1799, which annihilated the Directory and established the consular government. St. Cloud was besieged by the vanguard of the allies, March 31, 1814, who made this their head-quarters from April 7, to June 3, in that year. In 1815, Blucher had his head-quarters at this place, and the convention by which Paris was resigned to the allies was here concluded.

CLOVES. Owing to the expulsion of the English from Amboyna, in 1623, the Dutch have, a few short intervals only excepted, enjoyed the exclusive possession of the Moluccas, or Clove Islands. In England the duty on cloves was considerably reduced in 1819, and there has, in consequence, been a decided increase in the consumption of the article. In 1819, it was 34,254lbs., and in 1832, 82,672lbs.

CLOVIS I. the first christian king of France, and founder of the French monarchy. Succeeded his father Childeric at 14 years of age, in 481. About 486 he conquered the several provinces of Gaul, in the possession of the Romans and Goths. These he united to the dominions of France, and removed the seat of government from Soissons to Paris. He was baptized, and encouraged the spread of christianity in his dominions in 496. He was the author of the Salic law, which debars a wife from any share of inheritance, and which gave rise to the exclusion of females from the throne of France. He

died in 511, in the 46th year of his age, and 31st of his reign.

CLOWES WOOD, Ireland, took fire when 30 acres of furze and heath were consumed, Jan. 1, 1805.

CLUM, MRS., near Litchfield, died Jan. 23, 1772, aged 138, and had lived 103 years in one house.

CLUN CASTLE, Shropshire, built 1140.

CLUNI, Monastery of, founded 910.

CLYNNOGVAWR ABBEY, Carmarthenshire, built 1616.

COACHES. It is certain that a species of coaches were used at Rome; but whether they were hung on springs, like those now made use of, is not certain. After the subversion of the Roman power, horseback was almost the only mode of travelling. About the end of the 15th century, however, covered carriages began to be employed by persons of distinction on great occasions.

1550. There were at Paris only three coaches: one of which belonged to the queen; another to the celebrated Diana of Poitiers; and the third to a corpulent unwieldy nobleman, René de Laval, lord of Bois Dauphin. Coaches were seen for the first time, in Spain, in 1546. They began to be used in England about 1580. An act passed to prevent men riding in coaches as effeminate, in 1601; private coaches began to be common in London, 1625.

HACKNEY COACHES, began in 1634, when Captain Baily set up four in number; were prohibited in 1635; 50 hackney coachmen only were allowed in 1637; limited to 200 in 1652; to 300 in 1654; to 400 in 1661; to 700 in 1694, when they were first licensed; to 800 in 1710; to 1000 in 1771; to 1200 in 1799. Hackney chariots not to exceed 200, licensed in 1814.

In the year 1736, the number of coaches made in this kingdom amounted to 40,000, one half of which, and upwards, were exported. By the duty on coaches it appeared, in 1778, 23,000 were kept in England, when their duty amounted to £117,000. The duty on coaches in 1785, was £154,988. in England, and in Scotland only £9000. Down to 1825, a duty was laid on all carriages made for sale. In 1812, 1,531 four-wheeled carriages, 1,700 two-wheeled ditto, and 105 taxed carts (small carriages without springs,) were made.

1839. A trial of Gray's patent safety coach, an ingenious improvement, was

made in August, at the Hippodrome, near Kensington. The coach is hung on springs which work longitudinally from the roof instead of laterally; from immediately above the perch, or under the coach itself. But the main point of the invention is, that these longitudinal springs work on sliding blocks, by which a constantly levelling position is produced. In the course of the experiment the wheels on the "off" side passed over a surface which was more than four feet higher than those which were on the "near" side, and yet the coach preserved its perfect equilibrium.

COACH-MAKERS, licensed, 1785.

COAL. There are no mines of coal in either Greece or Italy; and no evidence has been produced to show that the ancients used coal. In England it does not seem to have been used previously to the beginning of the 13th century; for the first mention of it occurs in a charter of Henry III., granting licence to the burgesses of Newcastle to dig coal. In 1281, Newcastle is said to have had a considerable trade in this article.

About the end of the 13th century, or the beginning of the 14th, coals began to be imported into London, being at first used only by smiths, brewers, dyers, soap-boilers, &c. This innovation was, however, loudly complained of, and, in 1316, parliament petitioned the king, Edward I., to prohibit the burning of coal, on the ground of its being an intolerable nuisance. He issued a commission of oyer and terminer, 1280, with instructions to inquire as to all who burned sea coal within the city, or parts adjoining, to punish them for the first offence, by "pecuniary mulcts;" and upon a second offence, to demolish their furnaces; and to provide for the strict observance of the proclamation in all times to come.

In the reign of Charles I., the use of coal became universal in London, where it has ever since been used to the exclusion of all other articles of fuel. At the restoration, the quantity imported was supposed to amount to about 200,000 chaldrons. In 1670, the imports had increased to 270,000 chaldrons. At the revolution, they amounted to about 300,000 chaldrons, and have since gone on increasing with the growing magnitude and population of the city; being, in 1750, about 500,000 chaldrons; in 1800, about 900,000 chaldrons; and

at present about 1,700,000 chaldrons.

The coal trade of Great Britain has been for more than a century and a half subjected to the most oppressive regulations. From a very early period, the corporation had undertaken the task of weighing and measuring the coal brought to London. In 1613, the power to make this charge was confirmed to the city by royal charter.

Besides the above, duties for civic purposes have been laid on the coal imported into London from the reign of Charles II. downwards. They were originally imposed in 1667, after the great fire, in order to assist in the rebuilding of churches and other public edifices; and have ever since been continued, to enable the corporation to execute improvements in the city. At present, a duty of 10*d.* per chaldron, denominated the orphans' duty, is appropriated, until 1858, to defray the expenses of the approaches to London bridge. Exclusive of the corporation duties, a duty payable to government was laid on all sea-borne coal in the reign of William III., which was only repealed in 1830.

The value of coals and culm exported from Great Britain to foreign parts in 1836, was £679,513; in 1837 £855,751; and in 1838 £1,051,061.

Among the geological papers presented to the meeting of the British Association in 1838, was a communication "On the Newcastle coal-field," by Mr. John Buddle. This coal-field occupies a tract in the counties of Northumberland and Durham, of about 700 square miles, the limits of which were accurately marked on a geological map of the district. Within this tract all the strata that compose the coal series may be traced continuously. The lowest bed in the series, that, namely, which lies next the millstone grit, is the Brockwell seam. There is, indeed, another seam of coal called the eight-inch seam, at a perpendicular depth of $97\frac{1}{2}$ fathoms below the Brockwell seam, but separated from it by the entire mass of the millstone grit, and the upper bed carboniferous limestone.

Mr. W. Hawkes Smith, in a lecture recently delivered at Birmingham, offered some calculation on the state of the mines of this field; "inferring from the immense quantities consumed—probably not less than the entire produce of an acre per week in the mining and iron works alone;—from the separated posi-

tion and inconsiderable thickness of the 'ten yard' measures in certain situations, and from the problematical results of the bold experiments now carrying on by Lord Dartmouth, at Westbromwich, that the coal-basin is in reality circumscribed, and its contents not so inexhaustible as some writers have deemed it to be, or as, from the present unrestricted perhaps wasteful, consumption of an un-renewable store, would seem to be expected." A valuable mine of fine sea-coal has been discovered at Glen Crossack, in the Isle of Man, and is now being profitably worked. A seam of fine coal, more than six feet thick, has been found at a comparatively small distance from the surface, in the Forest of Dean.

ACCIDENTS IN COAL MINES.—Coal-pit, near Renfrew, took fire, and continued to burn for nearly two days; six men lost, 1804.

Coal-pit, near Wakefield, inundated by a sudden gush of water, by which nine men and a boy perished, June 30, 1809.

Coal-pit at Felling, near Gateshead, took fire, by which 93 persons perished, June 25, 1812.

Coal-pit at Swiney Row, Durham, took fire, by which one man and six boys were severely hurt, October 6, 1812.

Coal-pit, Harrington Mill, near the preceding, took fire, by which four men and 19 boys were killed, October 10, 1812.

Coal-pit, Collingwood Main, took fire, by which eight men were killed, and two severely burnt, July 17, 1813.

Coal-pit at Bradley, fell in, by which eight persons were buried in the ruins, of whom seven were dug out alive after remaining seven days without food, August 10, 1813.

Coal-pit at Felling took fire a second time, by which nine men, 13 boys, and 12 horses were destroyed, Dec. 1813.

Coal-pit, Hepburn, took fire, by which 11 persons were burnt to death, Aug. 27, 1814.

Coal-pit at Painshaw, Cumberland, three men killed by the choak damp in descending to examine the state of the air, March 15, 1815.

Coal-pit belonging to Messrs. Newsham and Co., near Newbattle, Durham, took fire, by which 70 persons lost their lives, June 2, 1815. At the same colliery 57 persons were killed or wounded by the bursting of a steam-engine, July 31, following.

Coal-pit, Heaton Main, near Newcastle, inundated by a sudden gush of water, by which thirty-three men, forty-two boys, and thirty-seven horses perished, May 3, 1815. It was afterwards (February 19, 1816) ascertained that they all perished by starvation, having been enclosed in a cavity which the water did not penetrate.

Coal-pit at Chirk, in Denbighshire, destroyed by an inundation occasioned by a stoppage in the river Ceriog, in consequence of the fall of an embankment, December 28, 1816. The collieries were so extensive, that the loss was considered as a public calamity.

Coal-pit near Chester-le-Street, Durham, took fire, by which nearly 40 persons lost their lives, July 1817

A dreadful explosion in Springwell coal mine, about five miles from Newcastle, by which 47 persons, only nine or ten of whom were adults, were killed; not one surviving to relate the cause of the accident, May 9, 1833.

An explosion of fire damp took place in a coal-pit at Wallsend, where 104 men and boys were at work, of whom only three men and a boy escaped alive, the other hundred persons having been suffocated on the spot, June 10, 1835.

COALITION, first, against France, 1792; second ditto, 1799; third, 1805; fourth, 1806; fifth, 1809; sixth, 1813.

COASTING TRADE. It has been customary in most countries to exclude foreigners from all participation in the coasting trade. This policy began in England in the reign of Elizabeth (5 Eliz. c. 5), or, perhaps, at a more remote era, and was perfected by the acts of navigation passed in 1651 and 1660. A vast number of regulations have been since enacted at different periods. The existing rules with respect to it, which have been a good deal simplified, are embodied in the act 3 and 4 Will. IV. c. 52.

COBBETT, WILLIAM, was the son of a farmer at Ash, near Farnham, Surrey, and was born in 1762. In 1782 he left home and went on board the Pegasus man-of-war; but both the captain and port-admiral suspecting him to be a run-away, declined his services, and persuaded him to return home. In 1783 he went to London, and procured a situation as copying-clerk to Mr. Holland, of Gray's-inn, where he remained for nine months closely confined to the desk, except on

Sundays. In 1784 he quitted London for Chatham, where he enlisted into a regiment, the service companies of which were in Nova Scotia. He was soon raised to the rank of corporal, and at length sailed from Gravesend. He staid but a few weeks in Nova Scotia, being ordered to New Brunswick, where the regiment remained till September, 1791, and was then relieved and sent home.

1792. He went again to America, and landed at New York in October. It was in America that Mr. Cobbett first distinguished himself by his pen. Having proceeded from New York to Philadelphia, he there opened a bookseller's shop, and commencing a periodical paper, or succession of pamphlets, under the title of "Peter Porcupine," at once made a display of those extraordinary powers of style and expression which have rendered his name so celebrated. A Dr. Rush brought an action against him for a libel, and obtained 5,000 dollars' damages, which disgusted him with America so completely, that he quitted it, and came to England in 1800. In 1801 he settled in London, and established a morning paper under the title of "The Porcupine," in which he warmly supported Mr. Pitt. That paper, however, soon failed, and he afterwards set up "The Register," which was continued to his death.

1805. From a hearty church and king man, Cobbett became as eager a radical. From this time he was, for some years, a grievous thorn in the side of the ministry. At length, in 1810, an opportunity appeared to have arrived for putting him to silence. His remarks on some military flogging at Ely provoked a government prosecution, upon which he was sentenced to two years' imprisonment in Newgate, and to pay a fine of 1000*l.* In 1816 he changed his "Register," into a two-penny pamphlet, when the sale is said to have risen to the unprecedented number of 100,000. He again set off to America in April 1817, but returned to England in 1819, bringing with him the bones of the infidel, Tom Paine. He took a farm at Barnes Elms, in Surrey, where he attempted to grow several plants and trees indigenous to America, and to introduce Indian corn as a staple article of English produce. The project, however, failed; he resigned, after a few years, his farm at Barnes, and rented of Colonel Woodrooffe, the

farm of Normandy, consisting of not more than 120 acres, about seven miles from Farnham. Cobbett published, in 1825, "The History of the Protestant Reformation in England and Ireland;" and, in 1829, "Advice to Young Men and Women."

1832. After the passing of the Reform Act, he was returned to parliament for the new borough of Oldham, for which he was re-chosen at the next election, without opposition. On the voting of supplies on the 15th and 18th of May, 1835, he exerted himself so much, and sat so late, that he laid himself up. He determined, nevertheless, to attend the House again on the evening of the marquis of Chandos's motion on agricultural distress on the 25th of May, and the exertion of speaking and remaining late to vote on that occasion, were too much for him. He died June 18, 1835, at his farm at Normandy, aged 73.

Besides the works already mentioned, Cobbett published "The Emigrant's Guide, in Ten Letters;" "Cobbett's Poor Man's Friend;" "Cottage Economy;" "An English Grammar," in letters to his Son; "A Grammar to teach Frenchmen the English Language," which is the standard book in French schools; "A Translation of Marten's Law of Nations;" "A Year's Residence in America;" "Parliamentary History of England to 1803," in twelve volumes; and "Debates from 1803 to 1810," in 16 volumes, royal octavo. When to these are added Porcupine's Works in the United States, from 1793 to 1801, in twelve volumes, and the "Political Register" from 1802, a due estimate may be made of the extraordinary quantity of matter which he passed through the press.

COBLENTZ, an important town of Prussia. In 860 a council of the church was held here. In 1249 the town was walled round, and during the thirty years' war fell successively into the possession of the Imperialists, Swedes, French, and German Protestants. In 1688 it was bombarded by the French ineffectually; in 1792 it was the rendezvous of the Prussian army; in 1794 it was taken by the French, and remained under their dominion until 1814, when it was restored to Prussia.

COBURG, COBOURG, or SAXE COBOURG, a town and principality of Germany, which gives title to his royal high-

ness Prince Albert, consort of her majesty. The house from which the name is descended is very ancient. In 1464 the territories of the house were divided between two of the branches of the family, when the principality of Coburg fell to the share of the elector Ernest, ancestor in the direct line of Prince Albert.

1809. Feudal privileges were abolished in the principality. In 1821 a representative body was formed, who have a voice in the imposition of taxes; and in 1826, the duke obtained an accession of the duchy of Gotha, and several minor states, to his dominions.

FAMILY OF PRINCE ALBERT. The ancestors of the prince may be traced as far back as Wittekind I., duke of Saxony, who died in 807. But the greatness of the family may be said to have been founded and consolidated by Frederick, surnamed the Warlike, who became duke and elector of Saxony when the Ascanian line was extinct on the death of Albert III., in 1423. This prince was named by the emperor high marshal, and vicar of the empire; and, in addition to the military achievements which procured for him the surname above-mentioned, he was an enlightened patron of commerce, art, and literature.

After the death of Frederick the second, in 1464, when the territories were divided between his two sons, Ernest and Albert, they became the founders of the two branches of the families that bore their respective names. The elector Ernest, the ancestor of Prince Albert, died in 1486, and was succeeded by his son, Frederick III., surnamed Wise. It was he who founded the university of Wittenburg, where Luther was educated. When the imperial throne became vacant, in 1519, the electors offered him the crown. This, however, he declined, and afterwards gave his vote in favour of the grandson of the late emperor, afterwards celebrated as Charles V.

1521. When Luther was summoned by the emperor before the diet of Worms, Frederick concealed Luther in the fortress of Wurtzburg, where he commenced and completed his celebrated translation of the Bible. At the diet held at Spiers in 1529, John, his successor, took the lead among the princes who published that "Protest" which afterwards gave the name of Protestants to the professors of the reformed religion, and led to the declaration of their opinions called the

Augsburg Confession. Frederick, his successor, placed himself at the head of the protestant league, called the Schmalkalden Confederacy; and, for a time, maintained a gallant contest with the attempts of Charles to extirpate the reformed religion. But he was at length taken prisoner at the battle of Muhtberg, was declared an outlaw, and condemned to be beheaded before the imperial camp at Wittenberg. The sentence was revoked, but he was removed to Innspruck, where he remained a prisoner for five years, and formed the plan of the university of Jena, which he afterwards founded, and which was completed by his sons. This illustrious prince died in 1553. The late duke died in 1806, and was succeeded by Ernest, the present duke, father of the illustrious consort of her present majesty.

PRINCE ALBERT, Francis Augustus Charles Emanuel, of Saxe CoburgGotha, was born August 26, 1819, and received the first rudiments of his education in the castle of Erenburg. When in his 11th year he became a visitor to the duchess of Kent at Kensington Palace, and received lessons in language, music, and the arts, in the company of his illustrious cousin. He remained in England at that time for upwards of 15 months, and then returned to Germany. He studied at the university of Bonn, where he distinguished himself by diligence in literary pursuits, amiable manners, and propriety of conduct. After finishing his studies at Bonn he visited this country in 1838, and afterwards travelled in Italy, accompanied by the baron Stockmar, and in the month of October, 1839, again arrived in England, when the arrangements for this alliance were finally settled. The marriage took place February 10, 1840, and was attested by the cordial congratulations of all classes of the community.

COBURG THEATRE, Surrey, opened in 1816; its name altered to Victoria, 1833.

COCHIN, a province of Hindoostan, on the Malabar coast. The Cochin rajah maintained his independence much later than most of the other Hindoo princes, he was first compelled to pay a tribute to Tippoo, which is now received by the British. In 1791, by their assistance, he threw off the Mysore allegiance, and became tributary to them. In 1809, in consequence of an unprovoked rebellion,

the tribute was increased, and, in 1810, the surrender of all the fortresses was stipulated for. In 1814, new disturbances arose, in consequence of the christians who paid tribute, having refused to acknowledge the authority of the rajah.

COCHIN-CHINA, empire of, in India beyond the Ganges, extends along the sea of China, and, in its present form, includes all Cochin-China and Tonquin, a large portion of Cambodia, with the state of Siampa. Until a few centuries after the christian era, Cochin-China formed a part of the Chinese empire. Its ancient history is little known, but more accuracy exists in its records from 1774, when a revolt took place, and the reigning prince, Chaung Shaung, with his queen and family, were expelled from the capital Quinnong, by three brothers. In 1790, he ventured to return, and succeeded in driving out the successors of the usurpers; he then, with the assistance of Adran, a French missionary, began many improvements in the state. European tactics were taught. He also undertook to reform the existing system of jurisprudence, declared his veneration for the christian religion, and tolerated all others in his dominions. Adran died in 1800. In 1821, the king's name was Mingming, who succeeded Kealung. Attempts were made in 1778, in 1804, and in 1822, by the East India Company, to open an intercourse with Cochin-China, all which have proved unsuccessful.

COCHINEAL, an important article of commerce used as a dye. It is found in Mexico, Georgia, South Carolina, and some of the West India islands; but it is in Mexico only that it is raised with care. The cochineal insect was introduced into India in 1795; but a very inferior sort only is produced.

The imports of cochineal usually vary from 220,000 to 330,000lbs. In 1831, the quantity imported amounted to 224,371lbs.; of which 95,728lbs. were brought from Mexico, 69,824lbs. from the United States, 51,146lbs. from the British West Indies, and 4,370lbs. from Cuba and the foreign West Indies. The exports during the same year amounted to about 90,000lbs. The duty on foreign cochineal was reduced, in 1826, from 1s. per lb. to 6d. At an average of the three years ending with 1831, the entries for home consumption amounted to 148,131lbs. a-year.

COCHRANE, ADMIRAL SIR ALEXANDER, born 1759, died 1832.

COCHRANE, LORD, now the earl of Dundonald, having joined the patriots of Peru and Chili, surprised and took Valdivia, 1820; returned from South America, August, 1825; was made commander of the Greek fleet, and appeared off the coast of Egypt, 1827.

COCKERMOUTH CASTLE, Cumberland, built 1069.

COCKERSEND ABBEY, Lancashire, built 1200.

COCK-FIGHTING. This inhuman diversion, according to Mr. Pegge, in his *Archæologia*, had its origin among the Greeks. Jacobus Palmerius, a writer cited by Mr. Pegge, pretends that the traces of this diversion may be discovered among the barbarians of Asia, as early as the reign of Cræsus, king of Lydia, A.C. 558. The Romans, who were prone to imitate the Greeks, followed their example in this mode of diversion, said to have been instituted by them, after a victory over the Persians, A.C. 476.

It is unknown when it was first brought to England, but it was probably introduced by the Romans, and about the time of Henry II., was a sport of school-boys on Shrove Tuesday. It was still followed, though disapproved, and prohibited by 39 Edward III., also in the reign of Henry VIII., 1569. It has by some been called a royal diversion; and the cock-pit at Whitehall was erected for the more magnificent celebration of it. Cock-fighting was prohibited, by one of Oliver Cromwell's acts, March 31, 1664.

"Cock-fighting," says Mr. Pegge, "is a heathenish mode of diversion from the first; and, at this day, ought certainly to be confined to those barbarous nations where it has been practised, the Chinese, Persians, Malayans, and the still more savage Americans, whose irrational and sanguinary practices ought, in no case, to be objects of imitation to more civilized Europeans."

COCKLEPARK TOWER, Northumberland, built before 1100.

COCK-LANE GHOST, imposition practised and detected, 1762.

COD-FISHERY. The French, Portuguese, and Spaniards, engaged in the fishery soon after the discovery of Newfoundland in 1497. The English were later in coming into the field. In 1578,

France had on the banks of Newfoundland 150 vessels, Spain 120 or 130, Portugal 50, and England from 30 to 50. During the first half of last century, the fishery was principally carried on by the English, including the Anglo-Americans, and the French; but the capture of Cape-Breton, and of their other possessions in America, gave a severe blow to the fishery of the latter.

At an average of the three years ending with 1789, the English had 402 ships, 1,911 boats, and 16,856 men, engaged in the American fisheries. During last war, the French being excluded from the fisheries, those of England attained to an extraordinary degree of prosperity; the total value of the produce of the Newfoundland fishery in 1814, having exceeded £2,800,000. But since the peace, the British fishery on the Newfoundland banks has rapidly declined. It is now carried on almost entirely by the French and the Americans. The average annual produce of the fisheries of all sorts, including seal, salmon, &c., exported from Newfoundland, during the three years, ending with 1832, was £516,417.

COD-FISHERY, AMERICAN. In 1795, the Americans employed in the cod-fishery about 31,000 tons of shipping; in 1807, they are said to have employed 70,306 tons; but it subsequently declined for several years, and was almost entirely suspended during the late war. According to the official returns for 1831, laid before the Congress, February 15, 1833, the shipping engaged that year in the cod-fishery amounted to 60,977 tons. During the year ending September 30, 1832, the Americans exported 250,514 quintals of dried, and 102,770 barrels of pickled cod; their aggregate value being about 1,050,000 dollars.

CODES, or collections of laws, &c. The Gregorian and Hermogenian published 290, the Theodosian published 435, and reformed by Anien, chancellor to Alaric, 506; the Justinian published 529, the Napoleon published 1804.

CODRINGTON, CHRISTOPHER, a distinguished officer, born at Barbadoes in the year 1688. He was sent to England, and, after some continuance at a private school at Enfield, was removed to Oxford, where he completed his studies, and justly obtained the character of an accomplished gentleman and universal scholar. He afterwards joined the army,

and was instrumental in driving the French out of the island of St. Christopher's. He distinguished himself at the siege of Namur; and upon the peace at Ryswick, he was made captain-general and governor of the leward Caribbee Islands. For his conduct in this office he was charged with misdemeanors, and several articles of impeachment were exhibited against him to the House of Commons in England, to which an answer was published, with attestations in his favour, from the lieutenant-governor, members of the council, and the representatives of Nevis. In 1703, he showed the greatest courage in the attack upon Guadaloupe, though the enterprise failed. He died in 1710, at his seat in Barbadoes. In 1716, his body was removed to England, and interred in the chapel of All-Souls College, Oxford.

CODRINGTON, ADMIRAL SIR EDWARD, won the battle of Navarino, Oct. 20, 1827.

CODRUS, the last Athenian king, voluntarily gave his life for the good of his country, after reigning 21 years, A.C. 1069.

COFFEE. The first introduction of this beverage into Arabia is attributed to Megaledin, mufti of Aden, about the middle of the 15th century. It rapidly extended to Mecca, Medina, and the other cities of Arabia Felix. The fame of this bewitching potation quickly reached Grand Cairo, and was received with equal avidity at Constantinople. At Grand Cairo it was opposed on religious grounds. In the year 1511, it was prohibited by Khaiae Beg, from a persuasion that it had an inebriating quality, and produced inclinations forbidden by the Koran. In 1523, Abdallah Ibrahim again denounced it in a sermon delivered in the mosque of Hassananie.

The first mention of coffee in the west of Europe is by Rauwolff, a German traveller, who returned from Syria in 1573. The tree was particularly described in 1591, by Prosper Alpinus, in his "Medicina Ægyptiorum," and also in his "History of Egyptian Plants," printed at Venice in 1592. Its use, as a beverage, is noticed by two English travellers in the beginning of the 17th century; Biddulph about 1603, and William Finch in 1607. In France it was introduced first at Marseilles, in the year 1644.

The earliest statute respecting coffee

is dated 1660, (12 Car. II. cap. 24,) when a duty of fourpence was laid upon every gallon of coffee made and sold, to be paid by the maker. In 1663, it was ordered, by a particular statute, that all coffee-houses should be licensed at the general quarter sessions of peace for the county. And in 1675, Charles II. issued a proclamation to shut them up as seminaries of sedition. The Dutch were the first who made a successful attempt to introduce the plant in their colonies. Nicholas Witsen, burgomaster of Amsterdam, and governor of the East India company, instructed Van Hoorn, governor of Batavia, to procure from Mocha, in Arabia Felix, some berries of the coffee-tree, to be sown at Batavia. About 1690, many plants were raised from seeds, one of which was sent to the garden at Amsterdam.

1714. The magistrates of Amsterdam sent to Louis XIV. a fine tree about five feet high, in full foliage, with both green and ripe fruit. In 1717, several plants were sent to Martinico, under the care of M. de Clieux, who approved himself worthy of the trust. In 1718, the Dutch colony at Surinam, first began to plant coffee; and, in 1722, the French governor of Cayenne, having business at Surinam, contrived by an artifice to bring away a plant, which, in the year 1725, had produced many thousands. In the year 1732, coffee was cultivated in Jamaica, and an act passed to encourage its growth in that island.

The history of the coffee trade, affords examples of the superior productiveness of low duties. In 1807, the duty was 1s. 8d. a pound; and the quantity entered for home consumption amounted to 1,170,164lbs., yielding a revenue of £161,245 11s. 4d. In 1808, the duty was reduced from 1s. 8d. to 7d.; and in 1809, there were 9,251,847lbs. entered for home consumption, yielding a revenue of £245,856 8s. 4d. The duty having been raised in 1819, from 7d. to 1s. a pound, the quantity entered for home consumption, in 1824, was 7,993,041lbs., yielding a revenue of £407,544 4s. 3d. In 1824, however, the duty being again reduced from 1s. to 6d., the quantity entered for home consumption, in 1825, was 10,766,112lbs., and in 1831, it had increased to 22,740,627lbs., yielding a nett revenue of £583,751. The consumption of the United Kingdom may, at present, be estimated at

about 23,000,000lbs., producing about £600,000 of revenue.

The quantity of Coffee imported into the United Kingdom from the British Colonies and Plantations in the year ending Jan. 5, 1833, was 49,982,939lbs. The quantity exported for the same period, was 25,719,724lbs. The total imports in 1839, were 39,220,601lbs.

COFFEE HOUSE, the first in England was kept by Jacob, a Jew, at the sign of the Angel, in Oxford, in 1650. Mr. Edwards an English Turkey merchant, brought home with him a Greek servant, who kept the first house for making and selling coffee in London, 1652. The Rainbow coffee-house, near Temple-bar, was, in 1657, represented as a nuisance to the neighbourhood.

COFFINS were anciently made use of in Egypt; and antique coffins of stone, and sycamore wood, are still to be seen in that country. The Romans made coffins of stone, and sometimes of marble; and this custom was followed by the ancient Britons. After this, leaden coffins were adopted, and are still in use. Other materials have also sometimes been used. Alexander is said to have been buried in a golden coffin; and Mr. Gough says, that glass coffins have been found in England. The most ancient instance of wooden coffins on record among us, is that of king Arthur, who was buried in an entire trunk of oak, hollowed. The Monk of Glastonbury calls it "Sarcophagus ligneus." The practice of stealing dead bodies from churchyards, for anatomical purposes, having for many years excited much disturbance in the metropolis, Mr. Gabriel Aughtie turned his attention to the subject, and invented a coffin from which it is almost impossible to steal the body; for which he took out a patent in 1796.

A stone coffin cut out of a solid block containing a complete skeleton, was found under the parish church in Leeds, in 1809, which was built 700 years ago. Another supposed to contain the bodies of the queen of Edward IV. and one of her children, discovered in Cardinal Wolsey's chapel at Windsor, Oct. 26, 1810. A stone one, of immense size, containing the perfect skeleton of a man, with the teeth entire, discovered in digging a road from Burford, in Oxfordshire, to Barrington, supposed to have been deposited there in the middle of the eighth century, Dec. 20, 1814.

COHORN, MICH. French Engineer born 1632, died 1704.

COIF, the serjeant's, was originally an iron scull-cap, worn by knights under their helmets. Blackstone says it was introduced before 1259, to hide the tansure of such renegado clerks as chose to remain as advocates in the secular courts, notwithstanding their prohibition by canon.

COIMBRA, a city of Portugal, suffered considerable injury by the great earthquake in 1755. In 1810, the rear of Massena's army was intercepted and made prisoners here by a detachment of Wellington's army commanded by general Trant.

COIMBRA, UNIVERSITY OF, founded, 1391, enlarged, 1503.

COIN. When the precious metals first began to be used as money, or as standards by which to measure the value of different articles, they were in an unfashioned state, in bars or ingots. Having agreed upon the quantity of metal, to be given for a commodity, the exact amount was then ascertained by weight. To ascertain the purity of the metal, and to avoid the trouble and expense of weighing it, each piece was marked with a stamp, declaring its weight and firmness. This invention was made at a very early period.

Silver is said to have been first coined by Phidon, king of Argos A.C. 869. Silver money was coined at Rome A.C. 269; before then, brass money was only used, a sign of no correspondence with the East, where gold and silver was used long before. A.C. 25, coin was first used in Britain.

A.D. 223, in Scotland, coins of gold and silver first introduced. In 1101, coin was first made round in England. Silver halfpence and farthings were coined in the reign of John, and pence, the largest current coin. 1087, gold first coined in England. 1301, groats first coined in Bohemia. 1345, gold next coined in England. 1346, gold first coined in Venice.

1347. A pound of silver was coined in England into 22 shillings; in 1352, into 25 shillings. In 1354, the money in Scotland, till now the same as in England, began to be debased; in 1399, copper money was used only in Scotland and Ireland. In 1414, a pound of silver was coined into 30 shillings; in 1500, into 40 shillings; and in 1530,

it was extended to 62, which is the present number. In 1551, crowns and half-crowns were first coined; in 1580, copper money was introduced into France by Henry III.

1609. The first legal copper coin was introduced, which put an end to private leaden tokens, universally practised, especially in London; in 1620, copper money was fully introduced into England by James I.; in 1662, milling coin introduced; in 1672, halfpence and farthings first coined by government, August 16; in 1673, guineas first coined.

1710. One million pounds were coined from French Louis-d'ors; in 1732, broad pieces of gold called in by government, and coined into guineas; in 1716 and 1761, five shillings-and-threepenny pieces, in gold, were issued; in 1786, halfpence issued for the Isle of Man by England; in 1797, dollars were issued by the Bank, at 4s. 9d. each, March 4; the same year seven-shilling pieces were issued in December.

1816. Old silver coin of shillings and sixpences, &c. was called in, and a new issue of the same coinage given in exchange; in 1820, sovereigns and half-sovereigns were issued; in 1836, four-penny pieces.

In 20 years, from 1790 to 1809, both inclusive, the amount of gold coined was £21,493,640. 3s. 6d., during which period the greatest annual amount coined was in 1798, being £2,967,504. 15s. 0d. The silver coined during the same period amounted only to £1216 15s. 2d. In the 20 years from 1810 to 1829 the coinage of gold amounted to £45,387,423 8s. 4d., during which period the greatest amount coined was in 1821, being £9,520,758 13s. 10d. During the same period, £9,149,411 4s. 1d. was also coined in silver; £2,436,297 12s. 0d. of which was in 1827.

The amount of gold coined in 1836, was £1,787,782; in 1837, £1,253,088. Of silver in 1836, £508,857; in 1837, £76,111. Of copper in 1836, £1,792; in 1837, £5096.

The mint of the United States of America was established in 1793, which issued gold and silver coin; copper had been delivered before. The gold coins are, eagles, half-eagles, and quarter-eagles. The first is exactly 45s. English money, or 10 dollars American coin. The dollars are coined in the same divisions of half and quarter, which makes the course

of exchange simple, and suits the reckoning to every capacity; as our readers will perceive that ten quarter-dollars make a quarter-eagle, ten half-dollars the half-eagle, and ten dollars the eagle. There is besides, one more silver coin, which is called a dime, and is the tenth part of a dollar. The copper coin is called a cent. and is the tenth part of a dime.

COINING PRESS, said to be invented by Antonie Brucher, in 1553; introduced into England in 1562.

COINING MACHINERY, introduced by Boulton and Watt, at Soho, near Birmingham, about 1800. See MINT.

COKE, SIR EDWARD, Lord Chief Justice of England, in the reign of James I., born at Mileham, Norfolk, in 1550. In the 35th year of queen Elizabeth the House of Commons chose him for their speaker. The queen conferred on him successively the offices of solicitor-general and attorney-general. In 1603, he was knighted by king James I. He was afterwards appointed lord chief justice of the common pleas, and lord chief-justice of the king's bench; and, in 1613, was sworn one of the privy council. In 1615, he was very vigorous in the discovery and prosecution of the persons employed in poisoning Sir Thomas Overbury, in the Tower. But his unbending behaviour towards the favourites of the king, and the boldness with which he opposed the illegal pretensions of the crown in parliament, deprived him of the royal favour. He was first suspended from his office, and afterwards committed to the Tower, and his papers seized. In 1628, he was chosen knight for the county of Buckingham. He died in 1634, at his house in the same county.

COLBERG, in Pomerania, surrendered to the Russians, 1761.

COLBERT, JOHN BAPTIST, marquis of Segnelai, one of the greatest statesmen of France, was born at Rheims in 1619. Louis XIV. made him intendent of the finances; and his exertions in this situation were highly beneficial to his country. In 1664, he was appointed superintendent of the buildings; and from that time applied himself diligently to the enlargement and adorning of the palaces and public edifices of Paris. He established the French Academy of Painting; and the institution of the Academy of

Sciences, as well as that of Inscriptions, was chiefly owing to his exertions. He died in 1683. He was a wise, active, and generous minister; ever attentive to the interests of his king, the happiness of the people, and the progress of arts and manufactures.

COLCHESTER, the *Camalodūnum* of the Romans, was in existence in the second century; castle built, 912; monastery of St. John built 1097; town walled, 1382.

COLD-NORTON PRIORY, Oxfordshire, built 1160.

COLDINGHAM NUNNERY, Scotland, ravaged by the Danes, 869.

COLERIDGE, SAMUEL TAYLOR, was the youngest son of the Rev. John Coleridge, vicar of St. Mary, Ottery, Devonshire, and was born in that parish, Dec. 30, 1772. He was admitted to Christ's Hospital, July 18, 1782. On September 7, 1791, he was sent from Christ's Hospital with one of the exhibitions belonging to that foundation, to Jesus College, Cambridge, where he remained till October term, 1794, when he quitted the university without any cause assigned, and without taking a degree.

Mr. Coleridge, in 1796 and 1797, published his first poetical volume, in conjunction with a few poems by his friends, Charles Lamb and Charles Lloyd. In 1798, commenced his travels in Germany, accompanied by Mr. Wordsworth. Of these travels, the only records are contained in a few letters in "The Friends," (repeated in the "Biographia Literaria,") but the fruits of his German studies of men and books, are apparent in every after-production of his mind and pen. On his return from Germany, in 1800, he went to reside at Keswick, where Mr. Southey had, after filling for some time the situation of secretary to Mr. Corry, the Irish chancellor of the Exchequer, finally settled. In 1800, was published, his translation of Schiller's "Wallenstein."

1804. Mr. Coleridge made a voyage to Malta where he remained from May, 1804, to October, 1805. In 1809-10, he issued from Grasmere, a weekly essay, stamped, to be sent by the general post, called "The Friends." In 1812, he edited, and contributed several very interesting articles to Mr. Southey's "Omnia," in two small volumes. In 1816, he published "The Statesman's Manual;

or, the Bible the best Guide to Political Skill and Foresight, a Lay-Sermon;" and in the following year, "A Second Lay-Sermon, addressed to the Higher and Middle Classes, on the existing Distresses and Discontents." In 1816, was published the ballad tale of "Christabell;" in 1818, the drama of "Zapolya;" and in 1830, a small volume, "On the Constitution of the Church and State, according to the Idea of each, with Aids towards a right Judgment on the Catholic Bill."

1828. The whole of his poetical works, including the dramas of Wallenstein (which had been long out of print), Remorse, and Zapolya, were collected in three elegant volumes, by Mr. Pickering, the British classical publisher; who, during the very year of the poet's death, reprinted them with additions. The latter years of Mr. Coleridge's life were made easy by a domestication with his friend, Mr. Gillman, the surgeon, of Highgate Grove. He died on the 25th of July, 1834.

COLES, ELISHA, the grammarian, &c., died in 1680.

COLET, JOHN, Dean of St. Paul's, and celebrated as the founder of St. Paul's school, was born at London, in 1466. In 1483, he was sent to Oxford, and probably to Magdalen College. In 1502, he was appointed prebendary of Sarum; and in 1505, prebendary of St. Paul's, and immediately after, dean of that cathedral, having previously taken the degree of doctor of divinity. About 1508, he formed his plan for the foundation of St. Paul's school, which he completed in 1512, and endowed with ample estates. He died in 1519, in the 53rd year of his age. Dean Colet was one of the brightest ornaments of his country, and of his age, and must be remembered with gratitude, as one of the chief instruments in the hands of Providence, for bringing about the reformation from popery.

COLIGNI, GASPARD DE, an eminent French Huguenot chief, was born in 1517. Upon the death of Henry I., he avowed his adherence to the Protestant religion. Excepting the prince of Condé, he was at the head of the party, both in matters of diplomacy, and as a soldier. He was the first victim of the infamous massacre which took place on St. Bartholomew's day, 1572.

COLISEUM, a name given to the celebrated amphitheatre at Rome, built by Vespasian in 69 or 70. See **AMPHITHEATRE**. This term has been adopted to designate an exhibition in Regent's park.

COLLEGE. The establishment of colleges or universities is a remarkable era in literary history. The first obscure mention of academical degrees in the university of Paris, from which the other universities in Europe have borrowed their institutions, occurs in 1215. See **AMERICAN COLLEGES, AND UNIVERSITIES**.

COLLEGE OF PHYSICIANS, a corporation of physicians in London; who, by several charters and acts of parliament of Henry VIII. and his successors, have certain privileges. The project and plan of this institution were formed by Dr. Thomas Linacre, physician to Henry VIII., and patronised by Cardinal Wolsey, at whose desire the king granted a charter, Sept. 23, 1518. This charter was confirmed by parliament in 1523, 15 Henry VIII. The number of fellows was anciently 30, till King Charles II., who renewed their charter in 1663, increased their number to 40; and King James II., giving them a new charter, allowed the number of fellows to be enlarged, so as to exceed 80. Since that time they have been limited to no certain number, but remain candidates a year, before their admission as fellows. The society had, anciently, a college in Knight-Rider-street, the gift of Dr. Linacre. Since that, they have had a house built for them by the famous Dr. Harvey, in 1652, at the end of Amen-Corner, which he endowed with his whole inheritance in his lifetime; but this being burnt in the great fire in 1666, a new one was erected at the expense of the fellows, in Warwick-lane; with a noble library. After continuing on this site for more than a century and a half, the society removed to their present commodious and elegant building in Pallmall, East.

COLLEGE, SOUTH AFRICA, announced in the South African Gazette, to be opened on October 1, 1829: professors appointed for the English, Dutch, French, and classical languages; writing, arithmetic, geography, astronomy, mathematics, and mechanics.

COLLIN, H. J. VAN, dramatic writer, born at Vienna, 1772, died 1811.

COLLINGWOOD, CUTHBERT, VICE ADMIRAL LORD, was born at Newcastle-on-Tyne, Sept. 26, 1750. In 1761, at the early age of 11, he entered the navy. In 1775, he was made a lieutenant by Admiral Graves. In 1776, he was on the Jamaica station, as lieutenant of the Hornet sloop, when Nelson, then of the same rank, was in the Lowestoffe, and on the same service. From a very early period a close intimacy subsisted between these distinguished officers. Collingwood succeeded Nelson first, in the Lowestoffe, then in the Badger, of which ship Collingwood was commander in 1779, and afterwards in the Hinchinbroke, which made them both post-captains. The Hinchinbroke was, in the spring of 1780, employed on an expedition to the Spanish Main, from whence it was proposed to pass into the South Sea, by opening a navigable communication through the isthmus of Panama, along the river San Juan, and the lakes Nicaragua and Leon. The climate was deadly, and no constitution could resist its effects, so that, of his ship's company, he buried, in four months, 180 of the 200 who composed it.

From this service Collingwood was relieved in August, 1780, and in the following year was wrecked, in the Pelican frigate, on the Morant Keys. After the peace of 1783, he was employed with his friend Nelson, in suppressing the illicit traffic carried on by the citizens of the United States, with the British West Indian islands. Here he remained till the latter end of 1786, when, during an interval of repose, he visited his native county, Northumberland. From hence, in 1790, he was again recalled to the West Indies; but, returning to England that same year, he was engaged in battle on June 1, 1794; and, though he did his duty nobly, was capriciously overlooked by Lord Howe, in the distribution of medals. He was subsequently appointed to the Excellent, and sailed to the Mediterranean. Here he again met with his old friend Nelson, in the command of the captain, blockading Leghorn. Both had their share in the battle of Feb. 14, 1797, off Cape St. Vincent; in which Nelson performed feats of valour, and Collingwood was acknowledged by Lord St. Vincent, to have "contributed very much to the fortune of the day."

When Lord St. Vincent informed him

that he was to receive one of the medals distributed on this occasion, he told the admiral, with great feeling and firmness, that he could not consent to receive a medal while that, for June 1, was withheld. "I feel," said he, "that I was then improperly passed over, and to receive such a distinction now, would be to acknowledge the propriety of that injustice." "That is precisely the answer I expected from you, Captain Collingwood," was Lord St. Vincent's reply. Soon after this, the two medals were transmitted, at the same time, by Lord Spencer, with a civil apology for some delay in transmitting that for June 1.

1797. Captain Collingwood was again employed in the blockading system before Cadiz, in which harassing service, by the strictness of which the Spanish trade was ruined, he was continued till Jan. 1799. Having been advanced to the rank of a rear-admiral, he was ordered to hoist his flag on board the *Triumph*. In June, we find him with Lord Keith in the Mediterranean, engaged in the tedious blockade of Brest which followed.

The short interval of peace in 1802, enabled Lord Collingwood once more to return to Morpeth, his family seat. In the spring of 1803, he was once more called from his home, to which he never returned again. His first ship at this period, was the *Venerable*; from her he shifted his flag to the *Culloden*, then to the *Dreadnought*; and lastly into the *Royal Sovereign*. It was in this ship that he bore so conspicuous a part in the battle of Trafalgar. See TRAFALGAR.

Admiral Collingwood's conduct in this battle was justly rewarded by his being raised to the peerage, by the title of Baron Collingwood, of Caldbourne and Hethpole, in the county of Northumberland; he also received the thanks of both houses of parliament; and the grant of a pension of £2000, for his own life, and in the event of his death £1000. per annum to lady Collingwood, and £500, to each of his two daughters.

After the battle of Trafalgar, Lord Collingwood received a commission as commander-in-chief of the Mediterranean station, to the same extent as that which Lord Nelson had held. This formed an entirely new era in his life, and no man could have filled the important station, or managed the various po-

litical transactions in which he was necessarily engaged, with more dignity, judgment and good effect, than he did. In all these varied transactions, he showed himself a profound, and provident, and truly English-hearted statesman. Indeed, so satisfied were the ministry with all his proceedings, that he was kept on this station, contrary to his ardent desire to return to the bosom of his family, till he was fairly worn out with anxiety, fatigue and disease, to which, at last, he fell a victim.

He died at sea, the day after he set sail on his return to England, March 7, 1810, a martyr to his high sense of professional duty. In his own words, "his life was his country's," and in her service it was sacrificed. It is observed by his biographer, that "the length and hardships of his service are without any parallel; that, of fifty years nearly, during which he continued in the navy, about 44 were passed in active employment, chiefly abroad; and that in the eventful period, from 1793 till his death in 1810, he was only one year in England, the remainder of the time being principally employed in tedious blockades, rarely visiting a port; that, on one occasion, he actually kept the sea for the almost incredible space of 22 months, without once dropping his anchor."

COLLINS, JOHN, mathematician, born 1624, died 1683.

COLLINS, WILLIAM, an admired English poet, was born at Chichester, in 1720; received his early education at Winchester, after which he studied first at Queen's College, and afterwards at Magdalen College, Oxford. He applied himself to the study of poetry, and published his *Oriental Eclogues*, before he left the University. In 1746, he published his *Odes*, descriptive and allegorical; but the sale of this work did not answer his expectations. He died in 1756, at Chichester, aged 36.

The following character of the poetry of Collins drawn by Mrs. Barbauld, is extracted from an essay prefixed to an edition of his works published in 1797. "He will be acknowledged to possess imagination, sweetness, bold and figurative language. His numbers dwell on the ear, and easily fix themselves in the memory. His vein of sentiment is by turns tender and lofty, always tinged with a degree of melancholy, but not possessing any claim to originality. His

originality consists in his manner, in the highly figurative garb in which he clothes abstract ideas, in the felicity of his expressions, and his skill in embodying ideal creations."

COLLINSON, PETER, an eminent botanist and antiquary, born Jan. 14, 1693-4. In 1728, he became a fellow of the Royal Society. He died Aug. 11, 1768.

COLMAN, GEORGE, an English dramatic writer, born at Florence about 1733. He received the early part of his education at Westminster school, and was sent from thence to Christ Church, Oxford. He published in 1760, a dramatic piece of great humour, called *Polly Honeycombe*; and the following year he gave to the world his comedy of *the Jealous Wife*. By the death of Lord Bath, he came to the possession of a handsome fortune, which was further augmented by the death of General Pulteney, in 1767. He still continued to write for the stage, and produced in conjunction with Garrick, the *Clandestine Marriage*. He also translated the comedies of Terence into a kind of blank verse, which gained him considerable applause. In 1768, he purchased a share of Covent Garden Theatre, but this he soon disposed of, and made a purchase of the Haymarket Theatre, from Mr. Samuel Trote. His understanding was much impaired by a stroke of the palsy, which seized him in 1785; in consequence of which, his son was entrusted with the management of the theatre. He died Aug. 1794, aged 62.

COLMAN, GEORGE, the younger, was born Oct. 21, 1762, and was educated at Westminster school. His father's residence was in Soho Square, whither he was permitted to repair on holidays; and by this means he was, while a child, brought into the company of Johnson, Gibbon, Goldsmith, and that "constellation of genius," which crowded round his father's table. In 1777, Colman, "the elder" being the proprietor of the little theatre in the Haymarket, the boy, who was now about 15 years of age, "after long and vehement suit," gained admittance to the green room of the theatre, and the greater part of his midsummer holidays were ever after spent within its purlieus. In 1779, he left Westminster school, and became an under graduate in Christ Church, Oxford.

1784. His first acknowledged play, called "Two to One," a musical comedy, was brought forward, June 29, and introduced to the public by an admirable prologue from the elder Colman, announcing it to be from the pen of "a chip of the old block." Its success was prodigious. In the latter part of the year 1784 he eloped with Miss Catherine Morris, and was married to her at Gretna Green. In the summer of 1785, the elder Mr. Colman being seized with a paralysis, a sudden transition of fortune plunged the Colmans from affluence into penury.

After his father's demise, George Colman "the younger" reigned monarch of the Haymarket Theatre. He opened it for the season, 1795, with a very clever "occasional piece," entitled "New Hay at the Old Market," since called *Sylvester Daggerwood*. In 1807 he admitted partners into the concern of the Haymarket Theatre, not having money sufficient to carry it on alone. Through the kindness of the late king George IV. he was at length, in February 1824, relieved from these distresses by an appointment to the situation of licenser and examiner of plays. His emoluments were from £300 to £400 a year. He died October 26, 1836.

Besides the plays already mentioned, Mr. Colman wrote a great number of others, the principal of which were the following:—The opera of "Inkle and Yarico," first acted August 11, 1787; "The Mountaineers," "The Iron Chest," founded on Godwin's novel "Caleb Williams;" "The Heir at Law," one of the best of his comedies, and the entertainment of "Blue Beard," the latter first acted June 16, 1798; "John Bull," a comedy, in 1805; "We Fly by Night," a farce, in 1806; "The Africans," a play, in 1808; "The Law of Java," rather a dull musical drama, in 1822; together with countless lively prologues and epilogues.

COLNETT, JAMES, who was the first explorer of the western coast of Japan, died 1683.

COLOCOTRONI, and the other conspirators against the Greek government were tried, and found guilty; sentence of death commuted into 20 years' imprisonment, June 24, 1834.

COLOGNE, ancient town of Germany. The Romans gave it the name of *Colonia Agrippina*, from Agrippina,

(the mother of Nero,) who was born here. The cathedral, or minster of St. Peter, was begun about the year 1248. The university was established in 1388. The French suppressed it, and erected in its place a central school, or lyceum. Cologne carried on a considerable trade with England, and obtained several important privileges in the Steel Yard. In 1814 it was made over to Prussia. The fortifications were restored in 1815, and strengthened by a chain of casemated towers. The city of Dentz, on the opposite bank of the river, is also fortified, completing the double *tete de pont*.

COLOMB propagated christianity among the Picts, 565.

COLOSSUS OF RHODES, one of the wonders of the world, a brazen statue of Apollo, so high, that ships passed with full sails betwixt its legs. It was the workmanship of Chares, a disciple of Lysippus, who spent 12 years in making it. It was at length overthrown by an earthquake, A.C. 224, after having stood about 66 years. The colossus lay neglected on the ground for the space of 896 years, at the expiration of which period, or about A.D. 672, Moawyas, the sixth caliph, or emperor of the Saracens, made himself master of Rhodes, and afterwards sold their statue, reduced to fragments, to a Jewish merchant, who loaded 900 camels with the metal; so that allowing 800 pounds weight for each load, the brass of the colossus, after the diminution which it had sustained by rust, and probably by theft, amounted to 720,000 pounds weight.

COLSTON, EDWARD, institutor of several charitable establishments, born 1636, died 1721.

COLTON, REV. CALEB, the author of "Lacon," died April 28, 1832.

COLUMBIA, or COLOMBIA, one of the new republics of South America, arising out of the struggle of the Spanish colonies for independence. See AMERICA. At first it consisted of one state, comprising the north-western division of the vast peninsula of South America, including the isthmus of Panama. The constitution was formed at a congress assembled at Cucuta, July 18, 1821. The legislative power was vested in a congress consisting of two bodies—the senate, and the house of representatives. Every four years the body of the people were appointed to assemble and choose electors of the canton, who formed a

provisional assembly, meeting on the 1st of October. The executive was vested in a president and vice-president, the former of whom must have the qualifications of a senator. This office was filled by general Bolivar. But about 1826 the spirit of civil discord tore to pieces the infant republic, and the department of Venezuela, in particular, having declared itself independent of the central government, established a system of polity of its own, with general Paez at its head. Other convulsions afterwards disturbed the republic.

1828. Insurrection and discovery of a conspiracy against the government, and the influence of Bolivar, of which General Padilla was the head. The insurrection was suppressed immediately by General Montilla, and Padilla saved himself by flight. This was followed by the proclamation of martial-law throughout the province. In 1830, separation between Venezuela and Bogota, and a new constitution framed. Bolivar resigned the presidency and died Dec. 17, 1831. See BOLIVAR.

1832. The contending interests of the separate states of Columbia, which the supremacy of Bolivar had for a time suppressed, but without preventing the constant increase of jealousy and dissension, now produced their natural fruits. The republic fell in pieces, and out of its fragments were formed three different commonwealths, Venezuela, New Grenada, and the Equator or Uruguay.

1833. A conspiracy to overthrow the government was discovered at Bogota. July 23, was fixed upon for making the attempt, but the plot was detected, and of the 70 conspirators, all except five, were apprehended. In this year, all the portions of the republic, were agitated in regard to the payment of the Columbian debt. The congress of Venezuela passed a decree for determining the relations between it and the other two Columbian states, taking measures for the liquidation of the debt, declaring that the engagements entered into when these states were united, had not become less binding in consequence of their separation, and directing the executive to enter immediately into such stipulations with the government of New Grenada and the Equator, as might be necessary for the liquidation and division of the general debt contracted by Columbia.





Columbus first lands at S^t Salvado

Columbus lands at Isabella and kills an Alligator. The Natives assist Columbus in loading the wreck at Puerto Rico

The Caribs attack the Spaniards

Columbus returns to Spain

COLUMBO, the modern capital of Ceylon. In 1656, the town and fortress were taken from the Portuguese by the Dutch, in whose possession they remained until 1796, when they were captured by the English, and subsequently ceded to them by the treaty of Amiens.

COLUMBUS, CHRISTOPHER, the celebrated navigator, and discoverer of America, was a citizen of the republic of Genoa, born in 1447. Having attained with surprising quickness a competent knowledge of geometry, astronomy, and the theory of navigation, he went to sea at the age of 14. His first voyages were to those parts of the Mediterranean frequented by the Genoese, after which he took a voyage to Iceland, and proceeding further north, advanced several degrees within the polar circle. Having entertained the notion that, by sailing across the Atlantic ocean, directly towards the west, new countries, which he supposed formed a part of the vast continent of India, must infallibly be discovered, in 1474, he communicated his ideas on this subject to his contemporary Paul, a physician of Florence, a man eminent for his knowledge of cosmography and geometry, who encouraged him to secure the patronage of some of the European powers.

Many years were spent in fruitless attempts to accomplish this end, and Columbus was treated as a visionary, who would doubtless perish in making so desperate an attempt. At length, he gained the approbation of Isabella, queen of Portugal, and a treaty was signed with Columbus, April 17, 1492. The chief articles of it were, that Columbus should be constituted admiral of all the seas, islands, and continents he should discover, with the same powers and prerogatives that belonged to the admiral of Castile, within the limits of his jurisdiction.

1492. Columbus sailed August 3, and after many difficulties, discovered San Salvadore, October 12, and afterwards most of the Bahama or Lucayo group, with the islands of Cuba and Hispaniola.

1493. Columbus returned to Europe, and arrived at Palos, in Spain, March 15. As soon as his ship was discovered, the inhabitants ran eagerly to the shore, to welcome their relations and fellow-citizens, and to learn the tidings of their voyage. Columbus repaired to the court,

then at Barcelona, where he was received with all the respect and honours due to his great achievements. He set off on his second voyage in September, in the course of which he discovered Dominica, Mariengalante, Guadaloupe, Montserrat, Antigua, Porto Rico, and Jamaica.

1496. Columbus returned to Spain disgraced, through the envious and mutinous temper of the colonists. The dignity of his conduct silenced his enemies, and, with the assistance of the gold and precious commodities which he had brought with him, he recovered the good opinion of his sovereigns. They resolved to make every exertion to render the new colony a permanent and complete establishment, by sending out such reinforcements as Columbus thought necessary for the purpose.

1498. Columbus sailed a third time to the west, and discovered the American continent, near the mouth of the river Oroonoko, August 1. During his absence, a mutiny had been excited, and some of his people had seceded from the main body. New complaints were secretly transmitted to court against him and his brothers. Columbus was then recalled, and Francis de Bovadilla appointed in his stead. On his arrival in Spain, he was instantly set at liberty, and treated with that civility and kindness from the king and queen which he had formerly experienced.

1502. He made a fourth voyage, and on arriving off St. Domingo, he found eighteen ships, richly laden, ready to depart for Europe. His own experience led him to perceive an approaching storm; he accordingly requested permission to enter the harbour, and at the same time warned the fleet of the dangers to which it would infallibly be exposed by sailing at that juncture. His request and his warning were equally disregarded. The hurricane came on, and though, by proper precautions, he saved his own vessel, it fell upon the fleet with so much violence, that only two or three vessels escaped; and Bovadilla, with several others of his most inveterate enemies, perished with all their ill-gotten wealth. In pursuing his voyage, he traced the coast of Darien, in hopes of discovering a strait, which he imagined would open a new track to the East Indies.

On his voyage, he was driven back by a violent tempest, from the coast of Cuba, his ships fell foul of one another, and

were so much shattered by the shock, that, with the utmost difficulty, they reached Jamaica. Here he endured the greatest calamities, as well from the mutinous dispositions of his own men, as from the suspicions of the natives, who refused to supply them with provisions, till by his skill in astronomy, he predicted the event of an approaching eclipse, a circumstance that gave him an irresistible authority over their minds. Columbus was at length delivered by a fleet sent from Hispaniola; and, after various difficulties, he arrived at St. Lucar, in Spain, in December, 1504.

Isabella being dead, he applied to the king, who only amused him with promises, and instead of granting his claims, insulted him with the proposal of renouncing them all for a pension. Exhausted with the calamities which he had endured, and broken with the infirmities which these brought upon him, he died at Valladolid, May 20, 1506, in the 59th year of his age. He was buried in the cathedral at Seville, and on his tomb was engraven an epitaph, in memory of his renowned actions and discovery of a new world.

COLUMBUS, BARTHOL., map and chart-maker, brother of the preceding, died 1514.

COLUMELLA, LUCIUS JUNIUS MODERATUS, a Roman agricultural writer, was a native of Cadiz, and lived under the emperor Claudius, about 42. He is chiefly celebrated as the author of a work which has come down to our own times, entitled "De Re Rustica," and which contains, in 12 books, rules concerning the culture of various vegetables, and the management of domestic animals.

COLUMN of fire appeared in the air at Rome, 30 days, 390.

COMBE ABBEY, Warwickshire, built 1150.

COMBE, WILLIAM, author of "The Tour of Dr. Syntax in search of the Picturesque," "Devil on Two-Sticks, in England," and several other works, died 1823.

COMBERMERE ABBEY, Cheshire, built 1134.

COMBINATIONS amongst journey-men forbidden by law, June 2, 1799.

COMBUSTION, SPONTANEOUS, of trees, grass, &c., in the church-yard of Plain Palais, Geneva; and of the roots of trees, at the village of Magland, Savoy,

Aug. 1832. Of a fountain in Italy, May, 1833. Of turpentine in Mr. Murphy's turpentine distillery, Ireland, May 25, 1836.

COMEDY, the first acted in Athens, on a scaffold, by Susarian and Dolon, A. C. 562; those of Terence first acted A. C. 154; the first in England, A. D. 1551. See **DRAMA**.

COMENIUS, J. AMOS, Moravian grammarian, died 1671.

COMET, a heavenly body which revolves about the sun, though in a far more eccentric orbit. Many of the ancient Chaldeans considered comets as lasting bodies, having stated revolutions like the planets. But the Greeks supposed that a comet was a vast assemblage of small stars meeting together, by reason of the inequality of their motions. Pythagoras, about A. C. 512, believed them to be a kind of planets or wandering stars, disappearing in the superior parts of their orbits, and becoming visible only in the lower parts of them. Seneca, who lived in the first century, was the first who entertained just notions of comets. He foretold that at some future time, their nature would be known, their magnitude demonstrated, and their routes explained.

Several ages elapsed before this prediction was fulfilled. Tycho Brahe was the first who attempted to restore the comets to their proper rank in the creation. Having diligently observed the comet of 1577, and finding that it had no sensible diurnal parallax, he very properly determined its true place to be among the other revolving bodies in the planetary regions, as appears by his book *De Cometa*, 1577.

According to Hevelius, the diameter of the comet of 1652, was to that of the earth as 52 to 100. Flamsteed measured the comet of 1682, and found that the diameter of its atmosphere was 2' while that of the nucleus was no more than 11" or 12". The diameter of the comet of 1744, when at the distance of the sun from us, measured about 1', consequently its diameter must have been about three times that of the earth.

Comets traverse all parts of the heavens; their paths have every possible inclination to the plane of the ecliptic. The identity of the elements is the only proof of the return of a comet to our system.

HALLEY'S COMET. Halley computed the elements of the orbit of a comet

that appeared in the year 1682, which agreed so nearly with those of the comets of 1531 and 1607, that he concluded it to be the same body returning to the sun, at intervals of about 75 years. He consequently predicted its re-appearance in the year 1758, or in the beginning of 1759. Science was not sufficiently advanced in the time of Halley (who died in 1742,) to enable him to determine the perturbations, or irregularities of motion, this comet might experience; but Clairaut computed that it would be retarded in its motion a hundred days by the attraction of Saturn, and 518 by that of Jupiter, and consequently, that it would pass its perihelion about the middle of April, 1759, requiring 618 days more to arrive at that point in its preceding revolution. This, however, he considered only to be an approximation, and that it might be 30 days

more or less: the return of the comet, March 12, 1759, proved the truth of the prediction. M. M. Damoiseau and Pontecoulent predicted that this comet would return in Nov. 1835.

By observations made at the observatory at Rome, we learn that a comet answering to the description, was visible there so early as the month of August, 1835, and it is well known that it was seen in England in September of the same year, and continued visible for several months. This is the first comet whose periodicity has been established; it is also the first whose elements have been determined from observations made in Europe. The resulting sets of elements by different observers are here given in which the longitude of the perihelion is reckoned on the orbit instead of on the ecliptic.

	Pontecoulant	Damoiseau.	Lubbock.
Long. perih. on the orbit..	304° 31' 43"	304° 27' 24"	304° 23' 39"
Long. asc. node	55 30 0	55 9 7	55 3 59
Inclination	17 44 24	17 41 5	17 42 50
Eccentricity .....	.9675212	.9673055	.967348
Semimajor axis	17.98705	17.9852	17.98355
Perihel. passage; Paris mean time—from midnight.	1835, Nov. 7.2	1835, Nov. 4.32	1835, Oct. 30.1993

Besides Halley's comet, the following are now proved to form part of our system; that is to say, they return to the sun at intervals, one of 1207 days, and the other of six and three-quarter years, nearly.

ENCKE'S COMET, or the comet of the short period, was first seen by M. M. Messier and Mechain in 1786, again by Miss Herschel in 1795, and its returns in the years 1805 and 1819, were observed by other astronomers, under the impression that all four were different bodies. However, Professor Encke not only proved their identity, but deter-

mined the circumstances of the comet's motion. Its re-appearance in the years 1825, 1828, and 1832, accorded with the orbit assigned by M. Encke, who thus established the length of its period to be 1207 days, nearly.

Ephemeris of Encke's comet, near the time of its passing the perihelion, in the year 1832; computed from the following elements of its orbit, as corrected from the latest observations, and for the principal perturbations, up to Jan. 1832:—

Passage of the perihelion 1832, May 3, 98444.

	Meantime at Greenwich.	
Longitude of the perihelion on the orbit..	157° 21' 2", 4	π
Longitude of the ascending node	334. 32. 5, 2	Ω
Inclination	13. 22. 12, 3	i
Eccentricity	sin. 57. 43. 6, 3	sin. ϕ
Mean daily motion.....	1071", 09598	m
Log. of the semi-axis major	0,3467855	log. a

BIELA'S COMET. The other comet belonging to our system, which returns to its perihelion after a period of $6\frac{3}{4}$ years, has been accelerated in its motion by a whole day during its last re-

volution. It was discovered by M. Biela at Johannesburg, Feb. 27, 1826, and 10 days afterwards, it was seen by M. Gambart at Marseilles, who computed its parabolic elements, and found

that they agreed with those of the comets which had appeared in the years 1789, and 1795, whence he concluded them to be the same body moving in an ellipse, and accomplishing its revolution in 2460 days. The perturbations of this comet were computed by M. Damoiseau, who predicted that it would cross the plane of the ecliptic, Oc-

tober 29, 1832, a little before midnight.

Ephemeris of the comet of six and three-quarter years, near the time of its passing the perihelion, in the year 1832, by Thomas Henderson, Esq.; computed from the following elements of its orbit, as deduced by M. Damoiseau from M. Gambart's Elements for 1826.

Passage of the Perihelion 1832, Nov. 26, 9743.

		Meantime at Greenwich.			
Longitude of the perihelion on the orbit.....	109° 56' 45"				π
Longitude of the ascending node	248. 12. 24				Ω
Inclination	13. 13. 13				i
Eccentricity	sin. 48. 44. 31½				sin. ϕ
Log. of the semiaxis major.....	0,5486. 142				log. a

THE NEW COMET. 1839. At 28 minutes after three in the morning of December 9, Encke observed a new comet at the Royal Observatory at Berlin, where he found its right ascension to be 13 hours, 42 minutes, and 44 seconds; its southern declination being 11 minutes and 30 seconds. This comet was also

seen at the Cambridge Observatory on the mornings of Dec. 28, 29, 30, 1839; and Jan. 2 and 3, 1840. The apparent right ascensions and declinations, (exclusive of corrections for parallax,) were found on those days to be nearly as follows, at the subjoined times from Greenwich, mean midnight.

Time from midnight.		Right ascension.			Declination.		
h.	m.	h.	m.	s.	deg.	m.	s.
5	59,83	16	29	50	3	21	23 N.
5	52,74	16	37	37	3	18	31
6	9,54	16	45	15	3	14	20
7	14,45	17	7	3	2	53	40
5	54,94	17	13	29	2	44	20

The following table contains a list of the principal comets that have been properly observed during the last and the present century. The whole number on record is said to exceed 500.

Years.	Perihel. Distanc.	Calculated by	Years.	Per. Dist.	Calculated by
1702	64590	La Caille	1759	80139	Pingré.
1706	42581	La Caille	1759	96599	La Caille.
1707	86350	Houttelyn.	1759	96180	Chappe.
1707	85974	La Caille.	1762	101415	Maraldi.
1718	102655	La Caille.	1763	49876	Pingré.
1723	99865	Bradley.	1764	55522	Pingré.
1729	406980	Douwes.	1766	50532	Pingré.
1737	22282	Bradley.	1766	33275	Pingré.
1739	67160	Zanotti.	1769	12376	De la Lande.
1742	76555	Struyck.	1770	62959	Pingré.
1743	83811	Struyck.	1770	67438	Lexell.
1743	52057	Klinkenberg	1770	52824	Pingré.
1744	22206	Betts & Bliss	1771	90576	Pingré.
1744	22250	La Caille.	1772	101814	De la Lande.
1747	229388	Cheseaux.	1773	113390	Pingré.
1748	84066	Maraldi.	1774	142525	De Saron.
1748	65525	Struyck.	1779	71322	De Saron.
1757	33754	Bradley.	1780	9781	Lexell.
1758	21535	Pingré.	1781	1027558	Boscovich.
1759	58255	Messier.	1781	77586	Mechain.
1759	58360	Maraldi.	1781	96101	Mechain
			1786	Encke's (see above)	Messier, &c.
			1795	Ditto	Herschel.
			1826	Biela's (see above)	Henderson.
			1835	(Halley's (do.)	Sundry ob-
					servers.
			1839	New comet (do.)	Encke.

COMINES, PHILIP DE, celebrated historian, born in Flanders 1445, entered the service of Louis XI. of France, 1472, died 1509

COMMANDMENTS given to Moses, A. C. 1491.

COMMANDMENTS, Creed, and Lord's Prayer, translated into the Saxon language, 781.

COMMERCE. Athens and Corinth were the chief commercial cities of Greece. It is probable that they traded to all the ports of Asia Minor and Italy. The Romans attached but little importance to commercial pursuits; but when the empire was overrun by barbarians, some straggling people laid the foundation of the city and republic of Venice, which became the mart of all nations, and mistress of the sea. This example was followed by Genoa and Pisa, till the 14th century, when Constantinople became the only great commercial city. It was about this time, 1362, that an Italian, a citizen of Amalfi, discovered the use of the compass.

In the reign of Elizabeth a spirit of enterprise was spread through England, by the wise laws and prudent management of that queen and her minister Cecil. The first step to improvement was the discovery of a passage to Archangel, and, by this means, a free trade was opened with Russia. The nation had, for some time, eagerly sought some means of commencing a direct trade with India, and the rich prizes captured by Sir Walter Raleigh, near the Azores, laid the foundation of the East India Company, about 1600.

In the reign of Charles II., the quantity of shipping greatly increased, so that at the revolution, it was found to be nearly double. It was also computed that the rental of England was nearly tripled, the circulation quadrupled, and the capital increased five times, between the years 1600 and 1688; and since that period, the ratio of increase has been scarcely less remarkable. These facts are usually considered as proofs of increasing national wealth.

The commerce of Britain is almost without a rival. The exports consist chiefly of her manufactured articles. In 1838, the quantity of manufactures and produce exported was valued at above £50 millions sterling.

COMMERCIAL PHILANTHROPIC

SOCIETY, instituted 1821,—Travellers' Society, 1831.

COMMISSIONERS OF SEWERS first appointed, 1425.

COMMISSIONERS OF PUBLIC ACCOUNTS appointed, 1780.

COMMODUS, LUCIUS AURELIUS ANTONINUS, the Roman emperor, succeeded his father in 180. He was naturally cruel and fond of indulging his licentious propensities, but at the solicitation of his concubine Martia, remitted the persecution of the christians. In 181, he made peace with the German tribes and entered Rome in triumph. He was poisoned by Martia on Dec. 31, 192, aged 31.

COMMON-COUNCIL OF LONDON first appointed, 1208.

COMMON-PLEAS, court of, established 1215, erected in Westminster-hall, 1741. Opening of the court to the bar by warrant, April 25, 1834. The warrant, after reciting the inconvenience occasioned by the enjoyment of the monopoly of pleading in term by the serjeants of the common pleas, directed that all barristers should be at liberty, after the first day of Trinity term, to plead in that as in the other courts.

COMMON-PRAYER published in English, with the authority of parliament, 1548.

COMMUTATION TAX commenced, 1784.

COMORN, a town of Hungary, taken in 1543, by Sultan Solyman, sacked by the Turks in 1594, by the Imperialists in 1597, by the Turks again in 1598. It was nearly destroyed by fire in 1767, again in 1768, and shattered by earthquakes in 1763 and 1783.

COMPASS, SEAMAN'S, invented in China, A.C. 1120; said to be used at Venice, A.D. 1260; improved at Naples, 1302; its variations observed, 1500; its dipping, 1576.

COMPOSTELLA, University of, Spain, founded, 1517.

COMPOUNDS, NEW CHEMICAL. On April 23, 1838, Dr. Apjohn communicated to the Royal Irish Academy a paper upon the subject of a new and very complicated compound, consisting of iodine, iodide of potassium, and the essential oil of cinnamon. Stated to have been first observed in 1837, in a solution prescribed by a medical gentleman of Dublin, of iodine and iodide of potassium in cinnamon-water. As the result of

several experiments, the author arrived at the following numbers, expressing the composition of 100 parts of the compound.

Iodide of potassium.	12.55
Iodine.	28.14
Oil of cinnamon.	59.31
	100

Prof. Johnston, the same year, described to the British Association, a compound of sulphate of lime, deposited from a high-pressure boiler, containing half an atom of water. The compound was in the form of a powder, and its composition was considered interesting, inasmuch as it contained a different quantity of water to any other composition of the kind.

M. Fritche discovered a new compound of sulphate of magnesia and water; when a concentrated solution of sulphate of magnesia is exposed to the temperature of freezing water, there soon forms, in the midst of small lamellar crystals of ice, a salt, white as enamel. When large masses of this solution are allowed to cool during the winter, the salt often separates in crystals of a finger's length; and by gently thawing the liquid, they may be separated, for they undergo no change in water at 32°. These crystals could not be dried even between folds of blotting-paper, without losing some water, and becoming slightly opaque at the surface: submitted to analysis, the crystals were found to consist very nearly of—

One eq. of sulphate of magnesia	60—35.77
Twelve eqs. of water.	108—64.23
	168 100

COMPTERS OF LONDON, built near Newgate, 1789 to 1791; cost £20,473.

CONCA, CAVALIER SEBASTIAN, a celebrated historical painter, was born at Gaeta in 1676. Amongst his large works at Rome, the "Assumption, at the Church of St. Martino;" and the "Prophet Jonas, at St. Giovanni Laterano," are of the best. He died in 1764.

CONCEPTION, LA, city, South America, republic of Chili, founded in 1550, by Peter Valdivia; overthrown by an earthquake, April 2, 1750; suffered from the memorable earthquake, Feb. 20, 1835. It commenced at 40 minutes after 11. In less than six seconds the whole city was in ruins. About half-an-hour after the shock, an enormous wave was seen forcing its way through the western pas-

sage which separates Quiriquina island from the mainland, passed rapidly along the western side of the bay of Conception, sweeping the steep shores of every thing moveable within 30 feet (vertically) from high-water mark. So little was the ground at rest after the great ruin, that, between the 20th of February and the 4th of March, more than 300 shocks were counted. Much misery was alleviated by the good conduct and extreme hospitality of the inhabitants of Conception.

CONCERT, the first subscription one was at Oxford, 1665; the first at London in 1678.

CONCLAVE, an assembly of all the cardinals that are at Rome, shut up for the election of a pope; had its rise in the 13th century, on the following occasion: Clement IV. being dead at Viterbo, in 1268, the cardinals were nearly three years, namely, from the 29th of November, 1268, to the 1st of September 1271, without being able to agree on the election of a successor. The magistrates of Viterbo, by the advice of St. Bonaventure, shut the gates of their city, and locked up the cardinals in the pontifical palace adjoining to the cathedral, till they were brought to a better understanding. Hence arose the custom, which has since prevailed, of shutting up the cardinals in a single palace till they have elected the pope.

CONCORD, order of knighthood, began in Brandenburg, 1660.

CONCORDANCE, a dictionary or index to the Bible. Cardinal Hugo de St. Charo, employed 500 monks at the same time in compiling a Latin concordance. R. Mordecai Nathan has furnished us with a Hebrew concordance, first printed at Venice in 1523. But the best and most useful Hebrew concordance is that of Buxtorf, printed at Basil in 1632. Dr. Taylor published, in 1754, a Hebrew concordance in two volumes folio, adapted to the English Bible, and disposed after the manner of Buxtorf.

1718. Trommins published his Greek concordance for the Septuagint at Amsterdam, in two volumes folio; and Schmidius improving on a similar work of H. Stephen, has given an excellent Greek concordance for the New Testament, the best edition of which, is that of Leipsic, in 1717. Calasius, an Italian cordelier, has given us concordances of the Hebrew, Latin, and Greek, in two columns, 4 vols. folio, printed at Rome, 1621.

We have several very copious concordances in England; but the last and best esteemed is that in 4to. by Alexander Cruden, the first edition of which was published, 1737.

CONCORDAT, used among the French, for an agreement concluded at Bologna in 1516, between Pope Leo X. and Francis I. of France, for regulating the manner of nominating to benefices. A concordat was made between Buonaparte and Pope Pius VII., in 1801; and afterwards confirmed by the same pope in 1802.

CONDAMINE, CHARLES MARIA DE LA, a French philosopher, born at Paris in 1701. He had been for some time an active member of the Society of Arts, when, in 1730, he was admitted into the Academy of Sciences at Paris. When the academy undertook to measure a degree of the meridian and of the equator in Peru, in 1736, Condamine was one appointed to carry it into execution. In 1760, he was admitted a member of the Academy of Inscriptions and Belles Lettres; and paid a visit to England in 1763, where he was admitted fellow of the Royal Society. He died February 4, 1774, aged 73.

CONDE', LOUIS I., DE BOURBON, was born in 1530. On the death of Henry II., he made himself active among the Huguenots. In 1569, he was shot at the battle of Jarnac.

CONDE', LOUIS II., DE BOURBON, prince of, commonly known by the appellation of the Great Condé. In 1642, at the age of 22, he obtained the command of the army destined to defend Champagne and Picardy, from the invasion of the Spaniards; and the signal victory he obtained over them at Rocroi, made him from that time considered as the guardian genius of his country. After many signal conquests, in which he was ill treated by the court, being afflicted with the gout, he refused the command of the army in 1676. He then retired to Chantilly, where he was as much esteemed for the virtues of peace, as he had formerly been for his military talents. He died in 1686, at Fontainebleau.

CONDORCET, JEAN ANTOINE, NICHOLAS CARITAT, marquis of, born in 1743, and educated at the college of Navarre. He first attracted the attention of the public as a mathematician, by his "Treatise on Integral Calculations," which he composed at the age of 22. He

was admitted into the academy in 1782, on which occasion he pronounced an oration on the influence of philosophy. On the death of D'Alembert, which happened that year, he succeeded to the station of secretary. The writings of Condorcet and his associates, unquestionably accelerated the French revolution of 1789. He was author of the manifesto addressed to the European powers by the people of France, on the approach of war. During the violent struggle between the Gironde and Mountain parties, Condorcet took no decided part with either, but having employed his pen against the monster Robespierre, a decree was issued against him in July, 1793. He, however, found means to conceal himself for several months. Worn out at length with hunger and fatigue, he was apprehended and consigned to a dungeon, where he expired, as is supposed, from poison.

CONFEDERATION OF THE RHINE, an act by which, in the year 1806, during the reign of Buonaparte in France, several German states, situated between the Rhine and the Maine, separated themselves from the Germanic body, and associated as confederated states of the Rhine, under the protection of the French empire. A similar confederation professedly for securing the tranquillity of Germany, and independence of its different states was signed at Vienna, June 8, 1815. See **HOLY ALLIANCE**.

CONFESSION, AURICULAR, introduced 1254.

CONFIRMATION supposed to have first taken place 190.

CONFUCIUS, or KUNG-FOO-TSZE, the most celebrated ancient philosopher of China, born in the reign of the Emperor Ling-te, about A.C. 550; therefore contemporary with Pythagoras, and prior to the public appearance of Socrates. He formed a plan for general reformation both in morals and politics, and his councils were for some time productive of the most beneficial consequences. But finding that vice was every where triumphant, he was induced to adopt the employment of a teacher of youth. He finished his honourable career in the 72nd year of his age, in his native country Loo.

The productions of his pen, which rank in the first class of the King, or canonical books, are 1. A commentary on the lines of Fo-shee, which forms

the principal part of the book *Y-king*; 2. The second canonical book, called *Shoo-king*, a collection of the earliest historical records of the Chinese nation; 3. A book of his maxims, collected by his disciples, and forming part of the canonical book called *Le-ke*; 4. The fifth canonical book called *Chun-tsew*, consisting of the annals of his native country, the kingdom of *Loo*, commencing A.C. 722.

CONGO, a kingdom of Africa, discovered by the Portuguese in 1484, and at that time very populous; but little known to Europeans till the expedition under Captain Tuckey, in 1816, and that under Captain Owen, in 1822, who both explored the river Congo.

CONGRESS OF AMERICA, abolished the British authority in the American colonies, May 5, 1776.

CONGRESS OF VIENNA, which produced that confederation termed, "the Holy Alliance," September 26, 1815.

CONGRESS AT AIX-LA-CHAPELLE, when the plenipotentiaries of Russia, Austria, Prussia, and Great Britain agreed, that the allied troops should quit the French territory on payment of the subsidy remaining due of 265 millions of francs, October 9, 1818.

CONGREVE, WILLIAM, a celebrated writer of English drama, born in Ireland in 1672. His first performance was a novel entitled "Love and Duty Reconciled." In 1694, he produced the "Double Dealer." In 1695, Betterton opened his new theatre with Congreve's comedy of "Love for Love;" which was followed in 1697, by his tragedy of the "Mourning Bride;" both of which gained him great reputation. Soon after he published his last and best play, "The Way of the World." This not meeting with so much applause as the former ones, he determined never more to write for the stage. In the year 1718, he was appointed secretary for Jamaica; so that the greatest part of the last 20 years of his life was spent in ease and retirement. He died January 19, 1729, aged 57.

CONGREVE, SIR WILLIAM, inventor of the rocket which bears his name, born May 20, 1772, was the eldest son of lieutenant general Sir William Congreve, the first baronet of the name. In 1808 he first invented that formidable engine of warfare, the Congreve Rocket, which he succeeded in establishing as a permanent instrument of the military and

naval tactics of the country, and which foreign nations have found it necessary to adopt. For the effect of the rockets at the battle of Leipsic in 1813, the order of St. Anne of the second class was conferred on Sir William by the emperor of Russia; and when the emperor visited England in 1814, he was particularly interested by an exhibition of their powers at Woolwich. Sir William had a private factory at West Ham in Essex.

1811. Sir William Congreve was elected fellow of the Royal Society. In 1812 he was returned to parliament for Gratton; and in 1820 and 1826 for Plymouth. He succeeded his father in the baronetcy April 30, 1814. In 1815 appeared "A Description of the Construction, Properties, and Varieties of the Hydro-Pneumatic Lock," for which he obtained a patent in that year. In 1819 a patent was granted to him for an improved mode of inlaying or combining different metals. In 1823 Sir William published, by order of government, a very interesting report on the gas light established in the metropolis. He died at Toulouse, May, 1828, aged 56.

CONI, a town in the north of Italy, taken by Napoleon in 1796. In 1799 the Austrians took it by storm; in 1800 it was again brought under French dominion, and in 1814 was returned to the kings of Sardinia.

CONIC SECTIONS. Supposed that the first author who wrote on their properties, was Menæchmus (probably), A.C. 300. Complete treatise on, by Apollonius of Perga, about A.C. 150; translated by the Arabs about A.D. 850. Seven remaining books of the eight of Apollonius, translated by Borelli, in 1661. The parabola was applied to projectiles by Galileo, and the ellipse to the orbits of planets by Kepler.

The application of algebra to geometry was first introduced by Vieta, and subsequently adopted by Des Cartes. But the discovery of the method of fluxions about 1688, by Sir I. Newton, has furnished means for more complete and essential service to this department of science than any other. The principal modern writers on conic sections are, Gregory St. Vincent, De Witte, De la Hire, Halley, Wallis, Simson, Emerson, Muller, Hutton, Robertson, &c. The properties of the Conic Sections, by W. Jones, esq., F.R.S. in 1774, comprises, in a small compass, most of the properties of these

curves, deduced in a very compendious and general manner.

CONNECTICUT. In 1662 Connecticut and New Haven were united by charter of Charles II., which union was finally completed in 1665. In 1687 this charter was suspended by Sir Edmund Andros, but restored after the revolution of 1688, and formed the basis of the government until a new constitution was granted in 1818.

CONON of Samos, a Greek astronomer, flourished A.C. 300.

CONQUEST, the Norman, of England, 1066. See **ENGLAND**.

CONRADIN, prince of Naples, defeated and put to death by Charles, king of Sicily, 1268.

CONSECRATION of churches instituted, 153.

CONSECRATION of bishops, the form ordained 1549.

CONSERVATORS of public liberties chosen in England, 1215.

CONSPIRACIES AND INSURRECTIONS, the most remarkable in ancient and modern history:—

A.C. 507. A conspiracy was formed against the infant republic of Rome to restore the banished Sextus Tarquin and the regal government, in which the two sons of Junius Brutus, the first consul, being concerned, were publicly condemned, and put to death by their father.

496. Another by the Tarquin faction against the Roman senators. Publius and Marcus discovered it. The other conspirators were put to death.

62. Of Catiline and his associates to murder the consuls and senate, and to burn the city of Rome; discovered by Cicero, consul for the year.

A.D. 1560. An insurrection in Spain, cost the lives of 30,000 Spaniards, and double that number of Moors.

1749. At Malta, to destroy the whole order, for which 125 slaves suffered death, June 26.

1758. At Lisbon, by several of the nobility, who shot the king.

1769. At Madrid, when they obliged the king to banish the Marquis Squilacci.

1772. At Brazil, which threatened its loss to the Portuguese.

1773. At Palermo, October 26.

1794. At St. Domingo, and the other French West India Islands, where near 16,000 negroes were slain, and 400 whites, and 550 plantations destroyed.

1803. At Dublin; Lord Kilwarden assassinated, July 23.

1807. Of the prince of Asturias against his father.

1808. Of the inhabitants of Madrid against the French, in which many persons were killed.

1811. In Sicily, for delivering it into the hands of the French.

1812. In Paris, for which the conspirators, three ex-general, and eleven officers, were executed, October 30.

1812. At Travencore, to massacre the European officers, at an entertainment.

1817. At Lisbon, to overturn the Portuguese government, May.

1830. The trial of Messrs. Potter, Tielmans, Bartels, and others, charged with a conspiracy against the government of the Netherlands, which had lasted for a fortnight, at Brussels, was concluded April 27: the three persons named were found guilty; the others were acquitted. The sentence of the court was, to be banished for eight years, against M. de Potter, and for seven years, against M. M. Tielmans and Bartels.

1833. Martial law declared throughout the kingdom of Greece, in consequence of the discovery of a conspiracy against the government of king Otho, organised under the direction of Colocotroni, who was seized and imprisoned, Oct.

1834. A conspiracy, concocted by the governor of the young emperor, at Brazil to overthrow the constitution, and restore Don Pedro, discovered and defeated.

1836. Conspiracy against the life of the king of the French, by Fiesché, and others, called "the conspiracy of Neuilly," the object of which was to take away the life of the king.

CONSPIRACIES AND INSURRECTIONS in England:—

1088. Against William II. of England, by his uncle Orlo, bishop of Bayeux, to set Robert on the throne.

1173. Against Henry II., by his queen and children.

1224. Insurrection of Foulk de Brent against Henry III.

1227. A conspiracy against the same king for cancelling Magna Charta.

1258. Of the barons against Henry III.

1400. Of the duke of Exeter, and others, against the life of Henry IV., discovered by dropping a paper accidentally.

1415. Against Henry V., by the earl of Cambridge and others.

1483. Of Richard, duke of Gloucester.

ter, against his nephews, Edward V. and his brother, whom he caused to be murdered.

1506. Of the earl of Sussex and others, against Henry VII.

1527. Insurrection of the London apprentices, 7 Henry VIII.

1571 Against Queen Elizabeth, by Dr. Story; 1586, by Anthony Babington and others; 1593, by Lopez, a Jew, and others; 1594, by Patrick York, an Irish fencing-master, employed by the Spaniards to kill the queen; 1598, of Walpole, a Jesuit, who engaged one Squire, to poison the queen's saddle. All these conspirators were executed.

1605. Against James I., by the Marchioness de Verneuil, his mistress, and others.

1605. The gunpowder plot discovered, Nov. 5.

1656. Of Sindercomb, and others, to assassinate Oliver Cromwell; discovered by his associates; Sindercomb was condemned, and poisoned himself the day before he was to have been executed.

1657. An insurrection of the Puritans.

1660. An insurrection of the fifth-monarchy-men, against Charles II.

1668. Of the French, Spanish, and English Jesuits, countenanced by the pope, to assassinate Charles II., said to have been discovered by Dr. Tongue and Titus Oates; 1683, another to assassinate him at the Ryehouse farm, near Hoddesdon, Hertfordshire, in his way from Newmarket, called the Ryehouse Plot.

1670-71. A conspiracy of Blood and his associates, who seized the duke of Ormond, wounded him, and would have hanged him if he had not escaped; they then attempted to steal the crown.

1691. Of Lord Preston, the bishop of Ely, and others, to restore King James.

1692. Of Granvil, a French chevalier, and his associates, to assassinate King William, in Flanders.

1695. A conspiracy by the earl of Aylesbury, and others, to kill the king, near Richmond, as he came from hunting, discovered by Pendergrass, called the Assassination Plot.

1703. Of Simon Frazer, Lord Lovat, in favour of the Pretender against Queen Anne.

1710. Of the Marquess Guiscard.

1718. To assassinate George I., by James Sheppard, an enthusiastic youth, who had been taught to consider the king as an usurper.

1722. Of Counsellor Layer, and others, to bring in the Pretender.

1803. Of Colonel Despard, and his associates, to assassinate King George III., and to overturn the existing government. See RIOTS.

1814. Conspiracy for raising the funds, Feb. 21; of which Charles Random de Beringer, Lord Cochrane, and others, were convicted, June 9.

1816. George Vaughan, a police officer, and others, convicted of a conspiracy, to induce William Hurley and others to commit a burglary, and sentenced to five years' imprisonment in the house of correction, Sept. 21.

1816. Conspiracy for charging others with crimes, between Solomons, a Jew, and certain police officers, by which 18 persons were convicted of uttering base money, detected, Oct. 22.

1820. Of Thistlewood, and his associates, for the assassination of the ministry, and overthrow of the existing government. See CATO STREET.

1839. Of the chartists, which produced the attack on Newport. See CHARTISTS.

CONSTABLE, LORD HIGH OF ENGLAND, an ancient officer of the crown, now disused in England, except on solemn occasions, as at the king's coronation, &c. The first was created by the conqueror, who appointed Ralph de Mortimer, one of the principal commanders of the army; and the office continued till the reign of Henry VIII. 1521; when it became extinct. About a century after, viz. in 1627, it was also suppressed in France, by an edict of Louis XIII; though the office has been exercised in the command of the marshals by the first officer in the army.

CONSTABLES. From the above mighty magistrates, are derived the inferior ones, since called the constables of hundreds and franchises: these were first ordained in the 13th year of Edward I. by the statute of Winchester, (13 Ed. I. stat. 2. c. 6.) These are what are now called constabularii capitales, or high constables; because continuance of time and increase of people, &c., have occasioned others of same nature, but inferior authority, in every town and parish, called petty constables, or subconstabularii, first instituted (as some say,) about the reign of Edward III. The duties of a constable are described and enforced by many statutes. But in

the metropolis and other large towns since 1829, these are superseded by the New Police. See POLICE.

1836. A commission was appointed by William IV., to enquire as to the best means of establishing an efficient constabulary force in the counties of England and Wales, for the prevention of offences, and detection and punishment of criminals, the due protection of property, and the more regular observance of the laws of the realm. This commission was revived by her present majesty, and from it emanated a report in 1839, containing the following heads.

1. Nature and extent of the chief evils to be prevented and repressed.
2. Existing force for their prevention or repression.
3. The trial of a paid constabulary force in Cheshire, &c., and of a trained constabulary force elsewhere.
4. The public services which may be rendered by a trained force in addition to the prevention and repression of crime.
5. The proposed establishment of a general trained constabulary force.

CONSTANCE, a city, of the grand duchy of Baden. In 1414 and 1418, religious councils were held here, at which the emperor and the pope were present. At these solemn but mistaken assemblages, John Huss was condemned to be burned. Constance was seized by the French, Aug. 2, 1796, and again 1799.

CONSTANT, BENJAMIN, French orator and political writer, died 1830.

CONSTANTINA, formerly the capital of Numidia now the capital of the province of the same name, state of Algiers. Celebrated for the many beautiful and interesting remains of Roman architecture, that still survive here. The description given of this place in the Jugurthine war by Sallust, is applicable and true in the 19th century; it has scarcely been known to Europeans till since the French occupation of Algiers. See ALGIERS.

1837. Constantina taken by general Damremont the commander-in-chief of the French troops in Africa, Oct. 13, carried by assault after a desperate resistance on the part of the native troops and inhabitants. Damremont was killed by a cannon ball. Achmet Bey retired from Constantina with 1200 men, as the French entered it.

CONSTANTINE I, FLAVIUS VALERIUS, surnamed the Great, was the

first emperor of the Romans who embraced christianity. His father Constantius Chlorus, rendered himself famous by his victorious expeditions to Germany and Britain, Constantine was born at Naissus, in Decia, 274; his mother Helena was the daughter of an innkeeper, and educated him in the christian faith.

On the death of his father 306, at York, in Britain, July 25, Constantine succeeded to the empire, by the suffrages of the army; but the pretorian band at Rome set up Maxentius, son of the late emperor Maximianus Hercules, who also himself endeavoured, next year, to recover the empire.

312. Constantine is said to have seen a vision of a cross in the clouds, and to have been converted, or rather confirmed in the principles wherein his mother Helena had educated him. Crossing the Alps, he arrived at Rome, and defeated Maxentius, who perished in the Tiber, Sept. 24, when the Roman indiction began.

315. Constantine ordered the punishment of crucifixion to be abolished.

319. Licinius the other emperor banished the christians from his presence, prohibited their holding councils, and enacted several other regulations against them: but Constantine publicly favoured them, and endeavoured to reconcile the differences between Alexander and Arius, but in vain.

323. Commencement of the civil war between the two emperors. Constantine rescinded all the laws that Licinius had made against the christians, and gave them full liberty for the exercise of their religion.

324. Constantine defeated Licinius, first at Adrianople, July 3, and at Chalcedon Sept. 18. The victor granted Licinius his life, at the suit of Constantina, sister to Constantine and wife of Licinius; but, being detected in a conspiracy, he was afterwards banished to Thessalonica. Constantine remained sole emperor.

325. The first general council convoked at Nice, by order of the emperor, began June 19, and ended Aug. 25. Licinius being detected in exciting fresh troubles at Thessalonica, was put to death by order of Constantine.

326. Crispus, the eldest son of the emperor, being falsely accused by his step-mother, Fausta, was poisoned by order of Constantine. Constantine prohibited meetings of the heretics, and de-

stroyed their temples, or gave them to the orthodox. He built a superb church at Jerusalem, and his mother Helena erected two others, one on the Mount of Olives, and another at Bethlehem, on the spot where our Saviour was born.

328. Constantine, having repaired and beautified the city of Byzantium, in Thrace, transferred the seat of the empire thither. See CONSTANTINOPLE.

332. The emperor sent his son Constantine the Younger with succours to the Sarmatians against the Goths, 100,000 of whom were slain in battle. In 334, the Sarmatian slaves revolted from their masters, and put them to flight. Constantine received 300,000 of the fugitives, of both sexes, of all ages, distributed them in various parts of the empire, and gave them land to cultivate. In 336, Constantine ordered the relics of St. Luke, St. Andrew, and St. Timothy, to be conveyed to Constantinople.

337. Constantine died on Whitsunday, May 22, at a small country-house near Nicomedia, aged 66. Eusebius, and other ancient writers, say he was baptized a short time before his death, by Eusebius, bishop of Nicomedia; but the fact has been much doubted. He was succeeded by his three sons, Constantine the Younger, Constans, and Constantius, who divided the empire between them.

CONSTANTINE THE YOUNGER, who had Gaul, Britain, and Spain, for his portion, was killed in battle by the troops of Constans, at Aquileia, and his body thrown into the Alse (now the Ansa) in 340.

CONSTANTINOPLE, built by Constantine on the site of ancient Byzantium in Thrace, and now the capital of the Turkish empire. The seat of the empire removed from Rome to this city, 330. Inclosed in strong fortifications by Theodosius the younger in 413. These walls were destroyed by an earthquake in 447, but rebuilt by Cyrus the prefect.

After the death of Constantine it continued to be the capital of the eastern empire till the 11th century, when the Turks attacked it. The war was carried on for two centuries with various success. Before the conquest and final destruction of the empire Constantinople was attacked by the Latins; after a siege of more than three months, the city was taken, and plundered, 1204, and thousands of its inhabitants put to the sword. It continued subject to the

Latins till the year 1261, when they were expelled by Alexius Strategopulus, the general of Michael Paleologus; and thus the city was restored to the Greeks; but it had been so much injured, that it never regained its former splendour. It was taken by Mahomet II., sultan of the Ottoman Turks, on May 29, 1453, the emperor Constantine was killed, and with him ended the eastern empire.

Constantinople has frequently suffered from fires, plagues, and other calamities. Above 12,000 houses and 7000 inhabitants were destroyed by a fire Sept. 27, 1729; another, which burnt five days, May 31, 1745; again, 12,000 houses, Jan. 29, 1749-50; again, near 10,000, in June, 1750; again 4000; by the plague lost 7000 persons in 1751; nearly destroyed by an earthquake and 3000 inhabitants killed, Sept. 2, 1754; had 5000 houses burnt, 1756; had 15,000 houses and 1000 persons burnt, July 5, 1756; considerable havoc made in 1761, 1765, 1767, 1769, 1771; had 2000 houses burnt, Sept. 4, 1778; 600 houses burnt, Feb. 19, 1782; June 10, following, 7000; and August 22, following, there were 10,000 houses, 50 mosques, 100 corn mills, &c., destroyed. On August 5, 1784, 10,000 houses, &c., were destroyed; another destroyed 10,000 houses, Aug. 4, 1784; 32,000 houses were destroyed by fire between March and July, 1791; 7000 were destroyed, 1782; and the same number were destroyed August, 1795. The suburb of Pera had 1300 houses and several magnificent buildings burnt down March 13, 1799. In 1812 and 1813, 300,000 of the inhabitants destroyed by a pestilence. In Aug. 1816, 1200 houses and 2000 shops destroyed by fire; 12,000 houses, 30 mosques, 400 boats, and 400 people burnt in 1823. Extensive fire Jan. 22, 1830, extinguished by the active exertions of a detachment of the crew of the English frigate, the Blonde, which was sent to the assistance of the Capitan Bey. A great fire, Aug. 30, 1833, again, by which one-fourth of the city was consumed, and devastation extended over a circuit of three miles. This conflagration was considered as a result of the public discontents.

1836. Mr. Churchill a British merchant, settled at Constantinople, accidentally wounded a young Turk. He was seized, dragged before the cadi of Scutari, severely bastinadoed, and thrown

into the Bagnio, or common Turkish prison. The British ambassador, Lord Ponsonby, took up the matter. The Reis Effendi, having evaded the subject, the ambassador applied directly to the sultan, and, after some delay and negotiation, the Reis Effendi was dismissed, and the inferior actors in the punishment of Mr. Churchill, were bastinadoed and thrown into the Bagnio.

1839. A destructive fire at Pera and Galata, Constantinople, Aug. 9. The losses were estimated at £4,800,000., and the number of houses consumed 5,000.

CONSTANTIUS, emperor of Rome, died at York, 306.

CONSULAR government in France began, 1799, ended 1804.

CONSULS first appointed at Rome, A.U.C. 244, after the expulsion of the Tarquins; the people obtained the privilege of election, 388. This custom lasted from A.U.C. 244 till 1294, or A.D. 541.

CONSULS in commercial affairs, originated in Italy, about the middle of the 12th century. Soon after this, the French and other christian nations began to stipulate for liberty to appoint consuls to reside in the ports frequented by their ships. The practice was gradually extended to other countries; and, in the 16th century was, by degrees, established all over Europe. The first English one in Italy, 1485; in Portugal, 1683.

CONTRACTORS with government disqualified from sitting in parliament, 1782.

CONTRIBUTIONS from the public demanded by act of parliament, from all persons whose wages were £4. per annum, 1695.

CONTRIBUTIONS, VOLUNTARY, to support the British government against the machinations of France, amounted to £2,500,000., 1798; transmitted to England from India, £200,000.

CONTRIBUTIONS for the relief of the widows and orphans of those who fell at the battle of the Nile, £35,260 8s. 6d.

CONVENTICLE Act, 16 Car. II. c. 4, 1664, was made to prevent and suppress conventicles. This statute, which was enacted for three years, having expired, was revived, 1670, by 22 Car. II. c. 1. The persecution under this act continued to be very severe, till the operation of the act was suspended by the exercise of a dispensing power, and the king's declaration of indulgence, 1671-2.

CONVENTION, NATIONAL, of France, met, Sept. 21, 1792; terminated its sittings, Oct. 26, 1795.

CONVENTIONS AND TREATIES. See TREATIES.

CONVENTS, and other religious orders, suppressed in the two Sicilies, by order of king Joachim Murat, 1809. Abolished in Spain, 1811; restored in Spain, May, 1814; and in the two Sicilies, 1815. Suppressed in Portugal, 1835; in Spain, 1836. See MONASTERIES.

CONVICTS, first sent to Botany Bay, 1787. See BOTANY BAY.

CONVOCAATION of the clergy first summoned to meet by writ, 23 Edwd. I., 1305.

CONWAY CASTLE, built by Edwd. I. in 1284.

COOK, CAPTAIN JAMES, the celebrated navigator, was born in 1728; entered the navy in 1755. In 1762, he was with the Northumberland, assisting at the recapture of Newfoundland. In 1763, when Captain Greaves was appointed governor of Newfoundland, he went out with him to survey the coasts of that island. In 1764, Sir Hugh Palliser being appointed governor of Newfoundland and Labrador, Mr. Cook accompanied him in the capacity of surveyor. In this situation he continued till 1767, during which time he published charts of the coast.

1768. He was appointed to direct the expedition to the southern hemisphere, to observe the transit of Venus over the sun. He sailed in the Endeavour from Plymouth, August 26, and anchored in Matavai Bay, in Otaheite, April 13, 1769. Having collected all the curious information in his power, respecting this island, the Endeavour left it on the 13th of July. Captain Cook surveyed the neighbouring islands, ascertained their relative situations, and gave the name of Society Islands to the whole group. Having spent several months in exploring the islands of New Zealand, he sailed from thence on April 19, 1770, and proceeded to New Holland. Left New Holland Aug. 23, and steered towards New Guinea, which he reached Sept. 3. Remained at New Guinea long enough to prove that it was an island distinct from New Holland; then sailed for Batavia. The most important discovery made in this voyage was that of excellent fresh water in the Prince of

Wales's Island, which led to a settlement there. Captain Cook lost many of his crew by the unhealthy climate of Batavia, and more on his voyage to England, which he reached June 12, 1771.

1772. July 13, Captain Cook again sailed to explore the southern hemisphere, from which expedition he returned July 30, 1775. During his voyage, viz: in 1774, he discovered New Caledonia. After his return, in 1776, he presented to the Royal Society the method he had adopted for preserving the health of his crew.

The English government having resolved to explore the eastern and western coast of America, the Resolution, under Captain Cook, and the Discovery, under Captain Clarke, were fitted out, and sailed from Plymouth, July 12, 1776. In this voyage he discovered Nootka Sound; the Sandwich islands were also discovered by Captain Cook, where the two vessels arrived November 26, 1778. Wishing to survey them more fully than he had done before, the captain sailed round them in various directions, and at length discovered one larger than any of the rest, called O-why-hee, where he met his death, Sunday, Feb. 14, 1779. On account of the barbarous disposition of the Indians, it was found impossible to recover his body; but by threats and negotiations, some of the principal parts were procured, which, being put into a coffin, and the service read over them, were committed to the deep, with the usual military honours, February 21, 1779.

Dr. Kippis says of Captain Cook, "What enabled him to persevere in all his mighty undertakings, was the invincible fortitude of his spirit. The fortitude of Captain Cook being founded upon reason, and not upon instinct, was not an impetuous valour, but accompanied with complete self-possession. To all these qualities Captain Cook added the most amiable virtues; that it was impossible for any one to excel him in humanity, is apparent from his treatment of his men through all his voyages. In the private relations of life, Captain Cook was entitled to high commendation. He was excellent as a husband and a father, sincere and steady in his friendships, and to this it may be added, that he possessed that general sobriety and virtue of character, which will always be found to constitute the

best security and ornament of every moral qualification."

COOK'S STRAITS, discovered by Captain Cook, 1768, on his voyage round the world, which occupied from 1768 to 1771.

COOK, THOMAS, bookbinder, hung and gibbeted at Leicester, for the murder of Mr. Paas, August 10, 1832.

COOKE, GEORGE, the actor, born April 27, 1756, died at New York. Sept. 26, 1826.

COOPER, REV. EDWARD, divinity writer, author of "The Crisis;" presented to the rectorship of Youall, Staffordshire, 1809, died Feb. 26, 1833.

COOPER, THOMAS, bishop of Winchester, chronologist, born about 1517; died, 1594.

COOPER, ANTHONY ASHLEY, first earl of Shaftesbury, and a celebrated statesman of the 17th century, was born at Winbourne in 1621. He was elected member for Tewksbury, at 19 years of age, in the short parliament of 1640. On the king's restoration, he was sworn of his privy council; and was soon after made chancellor of the exchequer, and a commissioner of the treasury. In 1672, he was created earl of Shaftesbury, and raised to the post of lord chancellor. He drew upon himself the hatred of the duke of York, by steadily promoting the project of an exclusion bill. In 1678, pleased with the opportunity afforded him by the discovery of the popish plot, of shaking the power of the duke of York, he was so eager in his pursuit of the parties accused, that he was suspected of being himself the contriver of the plan.

1682. Having engaged in a real conspiracy, known by the name of the Rye-house plot, began to be impatient at the numerous delays of the conspirators, and thought it most safe to withdraw to Holland, where his active life was closed January, 1683, in his 62nd year.

"The character of Shaftesbury has been a subject of much controversy, though the majority of writers agree in censuring him in very strong terms. He certainly had no claim to solidity of public principle, since he did not scruple to use any means, or embrace any sentiments, which best suited his ambition. The best part of his character is his entire freedom from the influence of avarice; a circumstance very uncommon among the ministers of that age."

COOPER, ANTHONY ASHLEY, earl of Shaftesbury, grandson of the preceding, born 1671, died 1713.

COOPERS' COMPANY, London, incorporated, 1501.

COORG, principality Hindoostan, subdued by Hyder Ali, in 1773; but in 1788, Tippoo was driven out of his territory by the rajah of Coorg, and in 1791 and 1799, the rajah was the most faithful ally of the British in their war against Tippoo. On his decease, in 1808, he left his dominions by will to his daughter Dewa Amajee, then a child, but in 1810, she resigned in favour of Linga Rajah, and his claims were acquiesced in by the Bengal presidency.

1834. The revolt of the rajah of Coorg, led, about this time, to a short but severe contest between his people and a body of British forces, which terminated in the victory of the latter, and the deposition of the rajah.

COOTE, SIR EYRE, British general, born 1726, died 1783.

COOTE, CHARLES, D.C.L., author of the History of Ancient Europe, &c., died 1835, aged 76.

COPENHAGEN, founded, 1169; made a city, 1319; made the capital of Denmark, 1443; burnt, 1728, when 77 streets were destroyed; had its royal palace destroyed by fire, Feb. 26, 1794, to the amount of 20,000,000 of rix-dollars, equal to £4,500,000 sterling; above 100 persons lost their lives. Its arsenal, admiralty, &c., with near 50 streets, having 1363 houses, were destroyed by fire June 5, 1795; it raged 48 hours. Bombarded by the English fleet under Lord Nelson, April 4, 1801. On this occasion he captured the Danish navy, obliged the government of that country to enter into an armistice, signed on the 9th, by which the armed neutrality of the North was destroyed.

1807. Sept. 2, the city of Copenhagen and the Danish fleet surrendered to the British force, under Lord Cathcart and Admiral Gambier, who had been landed on the island of Zealand for 21 days. Six weeks after, the British retired, taking with them the whole Danish navy, naval stores, &c.

The trade of Copenhagen is not very considerable, and has latterly declined from the above and other causes. In 1831, there entered the port of Copenhagen, 1,505 ships; of which 309 were from Sweden, 305 from Prussia, 208

from Norway, 160 from Great Britain, 137 from Russia, 90 from Finland, 29 from France, &c.

COPENHAGEN, University of, founded, 147.

COPERNICUS, NICHOLAS, founder of the Copernican system of astronomy, was born at Thorn in Prussia, February 10, 1473. At Bologna, in 1497, he first observed the occultation of Palilitium by the moon. He left Bologna for Rome, where he observed an eclipse of the moon in the year 1500. He began to form his system about 1507; but did not finish it till 1530.

Cardinal Nicholas Schonburg, in 1534, by a letter which does honour to his sentiments, invited Copernicus to publish his new system. But his modesty was still resisting this pressing application, when Rheticus, professor of mathematics at Wittenberg visited him at Frauenburg, in 1539. To him Copernicus trusted his work, which, in 1543, was printed at Marienburg, but he did not live to read his book in print. A copy of it reached him only a few hours before his death, which happened at Frauenburg, May 22, 1543. 38 years after his death, Cromerus, bishop of Ermeland, caused an inscription to be placed on his tomb-stone.

COPPER, first discovered, or at least wrought, to any extent, in the island of Cyprus. Except gold and silver, copper seems to have been more early known than any other metal. In the first ages of the world, before the method of working iron was discovered, copper was the principal ingredient in all domestic utensils and instruments of war.

BRITISH COPPER. Great Britain has various copper mines, in Cornwall, Devonshire, Wales, &c. Though known long before, the Cornish copper mines were not wrought with much spirit till last century. From 1726 to 1735, they produced at an average about 700 tons a year of pure copper. During the 10 years from 1766 to 1775, they produced, at an average, 2,650 tons. In 1798, the produce exceeded 5,000; and it now amounts to about 12,000 tons.

1768. The famous mines in the Pary's mountain, near Amlwch, in Anglesea, were discovered. At present the mines in Anglesea, and other parts of Wales, yield from 1,750 to 2,000 tons of copper; those of Devonshire yield about 500 tons; the quantity produced in the

other parts of England being quite inconsiderable.

1839. Mr. L. Thompson, of Lambeth, received a gold medal from the Society of Arts, for a new method of purifying copper, which has long been a desideratum. This method is so simple as to require no particular management on the part of the workmen.

Take of impure copper 100 parts; copper scales 10 parts; ground bottle glass, or any other flux 10 parts; heat the whole together in a covered crucible, and keep the copper in a state of fusion for 20 minutes, or half an hour, at the end of which time it will be found at the bottom of the crucible, perfectly pure.

FOREIGN COPPER. Copper ores are abundant in Sweden, Saxony, Russia, Persia, Japan, China, Chili, &c. Near Fahlun, in the province of Dalecarlia, in Sweden, is the celebrated copper mine of the same name, supposed to have been wrought nearly 1,000 years. Towards the beginning of the 17th century, it yielded an annual produce of about 8,000,000lbs. of pure metal; but it has since greatly declined; and it is most probable that at no distant period it will be wholly abandoned. The copper mines of Japan are said to be among the richest in the world. The Dutch annually import about 700 tons of their produce into Batavia; and the Chinese from 800 to 1,000 tons into Canton and other ports. It is purer, and brings a higher price, than any other species of slab copper.

COPPER MONEY, first coined in Ireland, 1399; in Scotland, by order of parliament, 1466; in France, 1580; in England tradesmen's tokens, or halfpence, were coined in 1672; the first legal, in 1689. Penny pieces first issued July 26, 1797; halfpence on the same principle issued January, 1800.

COPYHOLD AND FREEHOLD estates made assets of payment of simple contract and specialty debts, 1833.

COPYRIGHT ACT first passed, 1710, farther secured in 1814; modified 1833.

1836. 6 and 7 Will. IV. August 20, repeals so much of an act of the 54 Geo. III. respecting copyrights, as requires the delivery of a copy of every published book to the libraries of Sion College, the four universities of Scotland, and of the King's Inns, in Dublin. But

compensation is to be granted by the treasury on an average of three years, to be applied in the purchase of books, &c.

The act 2 Vic. c. 13, June 4, 1839, extends the protection afforded by the 27 Geo. III. c. 38, and the 34 Geo. III. 23, to copyright in designs for calico-printing, to all fabrics woven of wool, silk, or hair, and to mixed fabrics composed of any two or more of the materials, linen, cotton, wool, silk, or hair. It also extends the protection to Ireland.

1839. 2 Vic. c. 17, June 14, secures to proprietors of designs, for articles of manufacture, the copyright of such designs for a limited time. It enacts that every proprietor of a new and original design, made for any of the following purposes, and not published before July 1, 1839, shall have the sole right to use the same for any such purpose during 12 calendar months from its being registered, according to this act. It directs the appointment, by the board of trade, of a registrar, deputy registrar, and clerks, who are to give certificates of registration, and be entitled to the fees to be paid by the treasury, and liable to a penalty of £50 for extortion. Schedule—27 Geo. III. c. 38; 29 Geo. III. c. 19; 34 Geo. III. c. 23; 2 Vic. c. 15.

CORAL was well known to the ancients, but it was reserved for the moderns to discover its real nature. It is, in fact, the nidus or nest of a certain species of vermes, which has the same relation to coral, that a snail has to its shell. Coral is found in very great abundance in the Red Sea, the Persian Gulf, in various places in the Mediterranean, on the coast of Sumatra, &c.

CORAL ISLES. Mr Darwin, who accompanied Captain Fitzroy, as naturalist, in his recent expedition in H.M.S. Beagle, entertains the following new views respecting the history of the Coral Isles. Those vast tracts of the Pacific, contain, along with small portions of scattered land, innumerable long reefs and small circles of coral which have hitherto been full of problems, of which no satisfactory solution could be found. Mr. Darwin supposes that, "all these circumstances, the linear or annular form, their reference to the boundary of the land, the clusters of little islands occupying so small a portion of the sea, and,

above all, the existence of the solid coral at the bottom of deep seas, point out to us that the bottom of the sea has descended slowly and gradually, carrying with it both land and coral; while the animals of the latter are constantly employed in building to the surface, and thus mark the shores of the submerged lands, of which the summits may or may not remain extant above the waters."

Mr. Darwin explains "how corals, which, when the level is permanent, fringe the shore to the depth of 20 fathoms, as the land gradually sinks, become successively encircling reefs at a distance from the shore; or barrier reefs at a still greater distance and depth, or, when the circuit is small, lagoon islands:—how, again, the same corals, when the land rises are carried into elevated situations, where they remain as evidences of the elevation." Mr. Darwin has, upon evidence of this kind, divided, in a map, the surface of the Southern Pacific and Indian Oceans, into vast bands of alternate elevation and depression. "We have seen the remarkable confirmation of his views in the observation that active volcanos occur only in the areas of elevation;" and the author has presented this subject under an aspect which cannot but have the most powerful influence on the speculations concerning the history of our globe.—*The Rev. Mr. Whewell's address to the Geological Society, February, 1838.*

CORAM, CAPTAIN THOMAS, projector and founder of the Foundling-hospital, died, March 29, 1751, aged 84.

CORBET, BISHOP OF NORWICH, English poet, died 1635.

CORCYRA, (now **CORFU**,) one of the Greek islands, situated in the Ionian sea. The Corinthians sent hither a numerous colony, A.C. 756. The Corcyrians submitted to Alexander, and remained subject to the kings of Macedon, till they were delivered by the Romans, in the reign of Perses; from which time they enjoyed their liberty, till the reign of Vespasian, when they underwent the common fate of the other Greek islands and states, both in Europe and Asia. See **CORFU**.

CORDAGE. In 1839, Messrs. Landauer, of Stuttgart, patented a new species of cordage, the threads of which are not twisted one over the other, but united in a parallel direction. A cord,

one inch and three quarters in circumference, has sustained a weight of 1,300lbs., without breaking; and when, at last, an additional weight caused it to break, the fracture resembled a cut with scissors, which proves that each thread was of equal strength. A cord of 504 threads, three inches and three-sixteenths in circumference, 111 feet long, woven in this manner, only weighed 19lbs., whilst an ordinary cord of the same circumference and length, and as many threads, weighed 51 pounds and a half.

CORDER, WILLIAM, tried at Bury St. Edmund's for the murder of Maria Marten, May 18, 1827, a young woman whom he had decoyed from her home to a barn, near Polstead, and there murdered. The prisoner was found guilty, and afterwards confessed the crime. He was executed August 11. An extraordinary excitement throughout the kingdom was produced by this murder and trial.

CORDOVA, a town of Spain, anciently called by the Romans Colonia Patricia, afterwards Corduba. The time of its foundation is not known. In 572, it was conquered by the Goths, and in 692, by the Moorish chief Abderahman, who afterwards renounced his allegiance to the caliph of Damascus, and made Cordova his royal residence: taken by the French, November, 1809.

CORDOVA, university of, founded 968.

CORDWAINERS' COMPANY, London, incorporated 1410.

COREA, a country to the north-east of China, which had always been supposed to be a peninsula till 1816, when the vessels which conveyed the British embassy to China explored its coast, and it was then found to consist of an immense number of islands.

CORELLI, ARCANGELO, a celebrated Italian musician, born in 1653, at Bologna. In 1680 he visited Germany, and met with a reception suitable to his merit from most of the German princes, particularly the elector of Bavaria. His proficiency on his favourite instrument, the violin, was so great, that the fame of it spread throughout Europe. He died at Rome in 1713.

CORELLI, SIGNORA, the learned Italian lady, received the triumph of a coronation at Rome, July 31, 1756.

CORENTIN, or **CORENTYN**, a river

of South America, first explored by Mr. Schomburgk, 1835-6.

CORFE CASTLE, Dorset, built 970. Borough of, disfranchised 1832.

CORFU, the ancient Corcyra. The present name of Corfu is said to be derived from the Greek verb, to overtop, alluding to the hill, or turret-like rocks, on which the modern citadel is built; the name being given after the destruction of the eastern empire. About the close of the 14th century it came into the power of the Venetians; it was afterwards taken by the French, and formally ceded to them by the treaty of Campo Formio, in 1797. In March, 1799, it was wrested from the French by the united powers of Russia and Turkey, associated with the neighbouring isles of Cephalonia and Zante, and erected into a republic under the denomination of "The Seven Islands."

CORINTH was for some time the most illustrious of all the Greek cities, said to have been founded A.C. 1514, by Sisyphus, the son of Æolus, and then called Ephyre. Corinthus, the son of Pelops, afterwards rebuilt and beautified the city, and it has since been called by his name. The genius of the Corinthians led them to commerce rather than martial exploits, and their city became the finest in all Greece. It was adorned with the most sumptuous temples, palaces, theatres, porticoes, &c., all of them enriched with beautiful columns, thence called Corinthian.

The Heraclidæ began to reign there A.C. 1111. It became a republic under annual prytanes, 757. Cypselus became tyrant 659; recovered its liberty, 582; joined the Achæan league 243; was conquered by the Romans 146. The town lay desolate until Julius Cæsar settled there a Roman colony. Strabo was at Corinth soon after its restoration by the Romans; and, about 200 years after it was visited by Pausanias.

The Roman colony suffered the same calamity as the Greek city. It was besieged and taken, A.D. 1456, by Mahomet II. Corinth, with the Morea, was yielded to Venice in 1698; and again by Venice to the Turks in 1715. It gradually decayed under their infatuated government until the Greek revolution, after which it was included in the new kingdom of Greece.

CORIOLANUS, **CAIUS MARCIUS**, a celebrated Roman general, derived his

sur-name from Corioli, a town of the Volci, which he had taken A.C. 493. About this time dissensions prevailed between the patricians and plebians. Coriolanus took part with the former, but disgusting the people by his haughtiness, he was banished Rome by the tribune Decius, A.C. 491. He went over to the Volci, and persuading them to take up arms against the Romans, they encamped within four miles of the city, A.C. 488. He would not listen to proposals of peace till he was prevailed upon by his wife and mother. Some historians say he lived to a great age; others maintain that he was slain in a tumult excited against him for yielding to the prayers of his country.

CORK, the thick and spongy bark of a species of oak (*quercus suber* Lin). The Greeks and Romans were both well acquainted with cork. They seem also to have occasionally used it as stoppers for vessels; but it was not extensively employed for this purpose till the 17th century, when glass bottles, of which no mention is made before the 15th century, began to be generally introduced.

CORK, city of, Ireland, founded probably in the seventh century, walled in the ninth century, granted to Fitzstephen in 1177 by Henry II., besieged by the earl of Marlborough in 1690, when the duke of Grafton was killed. Monastic houses were founded here in 696, 1134, 1214, 1229.

CORN. Ceres has the credit of being the first that showed the use of corn, on which account she was placed among the gods. Others give the honour to Triptolemus; others share it between the two—make Ceres the first discoverer, and Triptolemus the first planter and cultivator of corn. The Athenians pretend it was among them that the art began; and the Cretans, or Candiots, Sicilians, and Egyprians, lay claim to the same. It is generally reckoned, however, that it was in Egypt that the art of cultivating corn first began; and it is certain there was corn in Egypt and the east long before the time of Ceres. See **AGRICULTURE**.

Egypt was anciently the most fertile of all countries in corn, as appears both from sacred and profane history. It furnished a good part of the people subject to the Roman empire, and was called the dry nurse of Rome and Italy.

England, France, and Poland, seem now to have supplied the place of Egypt, and with their superfluities support a good part of Europe.

CORN LAWS AND TRADE. From the circumstance of corn forming the principal part of the food of most countries, the trade in it has for nearly seven centuries been the subject of legislation. For a long time the legal regulations were principally intended to promote abundance and low prices. But, though the purpose was laudable, the means adopted for accomplishing it had, for the most part, a directly opposite effect.

Directions are given in the statute entitled *Judicium Pillorie*, supposed to be of the date of 51 Henry III. (1266-7.) to ascertain the average price of wheat and other grain. In 1351, when the statute of labourers was passed, wages were, under some circumstances, regulated by the market-price of corn. In 1360 the exportation of corn was prohibited by statute 34 Edw. III. c. 20. In 1389, a statute was enacted which prohibited innkeepers and others taking more than one halfpenny per bushel for oats over the common price in the market. 13 Ric. II. s. 1. c. 18. In 1393, corn might be exported by king's subjects, "to what parts that please them," except to the king's enemies. "Nevertheless," it is added, "the king wills that his council may restrain the said passage when they shall think best for the profit of the realm. 17 Ric. II. c. 7. Two statutes passed respectively in 1391, 15 Ric. II. c. 4. and in 1413, 1. Hen. V. c. 10. notice the irregularity which existed throughout the country in buying and selling corn.

1436. The exportation of wheat was allowed by statutes, without the necessity of obtaining the king's license, when the price per quarter at the place of shipment was 6s. 8d. 15 Hen. VI. c. 2. In 1441, this statute was continued, and in 1444-5 it was rendered perpetual.

About 20 years afterwards occurred the first symptoms of a protective corn-law from which we may conclude that the balance of prices had turned, in a statute passed in 1463, (3 Edw. IV. c. 2.) in the preamble of which it is remarked that "whereas the labourers and occupiers of husbandry within this realm be daily grievously endamaged by bringing

of corn out of other lands and parts into this realm, when corn of the growing of this realm is at a low price," in remedy of which it is enacted that wheat should not be imported, unless the price at the place of importation exceeded 6s. 8d. per quarter.

After a considerable period had elapsed, the foreign trade in wheat and other grain again became the object of new enactments. The corn dealers were looked upon with suspicion by every one. The agriculturists concluded that they would be able to sell their produce at higher prices to the consumers, were the corn dealers out of the way: while the consumers concluded that the profits of the dealers were made at their expense; and ascribed the dearths that were then very prevalent, entirely to the practices of the dealers, or to their buying up corn and withholding it from market. These notions, which have still a considerable degree of influence, led to various enactments, particularly stat. 5, 6 Ed. VI. 1551-2, by which the freedom of the internal corn trade was entirely suppressed. By this enactment engrossers (persons buying corn to sell again,) were subjected to heavy penalties. For the third offence they were to be set in the pillory, to forfeit their personal effects, and to be imprisoned during the king's pleasure.

The acts of 1436 and 1463, before referred to, regulating the prices when exportation was allowed and when importation was to cease, continued nominally in force till 1562, when the prices at which exportation might take place were extended to 10s. for wheat and 6s. 8d. for barley. But a new principle—that of imposing duties on exportation—was soon after introduced; and, in 1571, it was enacted, 13 Eliz. c. 13. that wheat might be exported, paying a duty of 2s. a quarter, and barley and other grain a duty of 1s. 4d., whenever the home price of wheat did not exceed 20s. a quarter, and barley and malt 12s. In 1592-3, the price at which exportation was permitted was raised to 20s. per quarter, and the customs duty was fixed at 2s. In 1603-4 the importation price was raised to 26s. 8d. per quarter; and in 1623, to 32s.—having risen, in the course of 65 years, from 6s. 8d. By the 21 Jac. I. c. 28. no alteration was made in the unenlightened restrictions imposed by the 5 and 6 Edward VI. c.

14. about 70 years before; and, unless wheat was under 32s. per quarter, and other grain in proportion, buying corn and selling it again was not permitted. The king could restrain the liberty of exportation by proclamation. In 1660, a new scale of duties was introduced. When the price of wheat per quarter was under 44s. the duty rose to 6s. 8d. Exportation was permitted free whenever the price of wheat did not exceed 40s. per quarter.

Up to the middle of the 17th century the object of legislating on food was professedly the welfare of the poor, who, in those times, always suffered severely when the supply was limited; but, in 1663, a statute was passed 15 Car. II. c. 7, which was avowedly for the protection of another interest in the community. By this act the high duties on exportation were taken off, and an *ad valorem* duty imposed in their stead, at the same time that the limit of exportation was extended. In 1670, a still more decided step was taken in favour of agriculture; an act being then passed which extended the exportation price to 53s. 4d. a quarter of wheat, and other grain in proportion, imposing at the same time prohibitory duties on the importation of wheat till the price rose to 53s. 4d., and a duty of 8s. between that price and 80s. But the real effects of this act were not so great as might have been anticipated. The extension of the limit of exportation was rendered comparatively nugatory, in consequence of the continuance of the duties on exportation caused by the necessities of the crown, while the want of any proper method for the determination of prices went far to nullify the prohibition of importation.

At the accession of William III., 1688, a new system was adopted. The interests of agriculture were then looked upon as of paramount importance: and to promote them, not only were the duties on exportation totally abolished, but it was encouraged by the grant of a bounty of 5s. on every quarter of wheat exported while the price continued at or below 48s.; of 2s. 6d. on every quarter of barley or malt, while their respective prices did not exceed 24s.; and of 3s. 6d. on every quarter of rye, when its price did not exceed 32s. (1 Will. and Mary, c. 12.) A bounty of 2s. 6d. a quarter was subsequently given upon the exportation

of oats and oatmeal, when the price of the former did not exceed 15s. a quarter. Importation continued to be regulated by the act of 1670.

1701—1750. There was a large export of corn from England. In 1750, the wheat exported amounted to 947,000 quarters; and the total bounties paid during the 10 years, from 1740 to 1751, reached the sum of £1,515,000. But the rapid increase of population, gradually reduced this excess of exportation, and occasionally inclined the balance the other way. This led to several suspensions of the restrictions on importation; and, at length, in 1773, a new act was framed, 13 Geo. III. by which foreign wheat was allowed to be imported on paying a nominal duty of 6d. whenever the home price was at or above 48s. a quarter, and the bounty and exportation were together to cease when the price was at or above 44s. This statute also permitted the importation of corn at any price, duty free, in order to be again exported, provided it were in the mean time, lodged under the joint locks of the king and the importer.

The act of 1773 was a material improvement on the former system, but the landholders considered the liberty of importation granted by it as injurious to their interests. A clamour, therefore, was raised against that law; and, in addition, a dread of becoming habitually dependent on foreign supplies of corn, produced a general acquiescence in the act of 1791. By this act, 29 Geo. III. the price when importation could take place from abroad at the low duty of 6d., was raised to 54s.; under 54s. and above 50s., a middle duty of 2s. 6d.; and under 50s., a prohibiting duty of 24s. 3d. was exigible. The bounty continued as before, and exportation, without bounty, was allowed to 46s. It was also enacted, that foreign wheat might be imported, stored under the king's lock, and again exported free of duty; but, if sold for home consumption, it became liable to a warehouse duty of 2s. 6d., in addition to the ordinary duties payable at the time of sale.

1804. By stat. 44 Geo. III. the rate for the admission of foreign corn established, was as follows:—Wheat under 63s. per quarter, the high duty of 24s. 3d. payable; at 63s. and under 66s. the first low duty; and at or above 66s. the second low duty; which amounted only to

d. The protecting price was thus raised from 54s., at which it stood in the act of 1790-1, to 66s.—an increase of 12s. The bounty of 5s. on exportation was paid when the average price of wheat was at or under 48s.; and when the average rose to 54s., exportation was prohibited.

1806. An act passed of the greatest importance in respect to the supply of food, entitled "An Act to permit the free interchange of every species of grain between Great Britain and Ireland," 6 Geo. III. c. 97.

In the session of 1814 two bills were introduced, one for regulating the importation of foreign corn, and another for the repeal of the bounty, and for permitting unrestricted exportation. The former encountered very keen opposition. Meetings were very generally held, and resolutions entered into strongly expressive of this sentiment, and dwelling on the fatal consequences which a continuance of high prices would have on our manufactures and commerce. This determined opposition caused the miscarriage of the bill. Early in 1815, a bill was brought in, giving effect to the recommendation of the committee of the previous year, and fixing 80s. as the lowest point at which importation could take place. The measure produced great excitement throughout the country, particularly in the manufacturing districts and in all the large towns, where it was believed that such a high prohibitory rate would limit the supply of food to a much greater extent than was compatible with the welfare of the country, or than the interests of agriculture required. After much opposition, on March 23, the bill received the royal assent. Until the average price of wheat rose to 80s., the ports were effectually closed. Colonial wheat was admitted when the average prices reached 77s. per quarter. Such was the leading feature of the new act, 55 Geo. III. c. 26.

1816, 1817, and 1818. Three deficient harvests occurred, that in the former year being below an average crop, and to a greater extent than in any year since the periods of scarcity at the commencement of the century. Prices rose above the rate at which foreign supplies were admitted, and in two of these years above 1,500,000 quarters of wheat were imported. From January 1816 to June

1817, prices rose from 53s. 1*d.* to 112s. 7*d.* From June to September, 1817, they fell from 112s. 7*d.* to 74s.; but, three years afterwards, in 1821 and 1822, the agriculturists endured the severest season of distress which had been experienced by that body in modern times, and the engagements which they had been induced to make under the fallacious hopes excited by the last corn act, occasioned them to be swept from the land by thousands. In the week ending Dec. 21, 1822, the average prices of corn and grain were as follow:—Wheat, 38s. 8*d.*; barley, 29s. 4*d.*; oats, 18s. 9*d.*; rye, 23s. 6*d.*; beans, 28s. 10*d.*; peas, 29s. 4*d.* This made wheat 41s. 4*d.*; barley, 10s. 8*d.*; oats, 8s. 3*d.*; rye, 29s. 6*d.*; beans, 24s. 2*d.*; peas, 23s. 8*d.* lower than the scale which was framed for the farmer's protection. The highest price of wheat for any one week in 1822 was 50s. 7*d.*

The cry of distress was heard from every part of the country. In 1820, the number of agricultural petitions claiming the commiseration of the legislature, was 159; in 1821, 187; and in 1822, 129. Committees of the House of Commons were appointed to inquire into the condition of agriculture, in the two latter years. In the spring of 1822, numerous projects were offered to the consideration of parliament for the alleviation of the general distress of the agricultural class.

The utter inefficacy of the act of 1815, to secure the objects for which it had been enacted having been fully proved, a new act received the royal assent on July 15, 1822, entitled, "An act to amend the laws relating to the importation of corn." It alters and amends the 55 Geo. III. c. 26 (the act of 1815); and enacts that "as soon as foreign wheat shall have been admitted for home consumption under the provision of the said act, the scale of prices at which the home consumption of foreign corn, meal, or flour, is permitted by the said act shall cease and determine." The new scale was as follows:—Wheat at or above 70s., duty 12s.; and for the first three months of the ports being open, an additional duty of 5s. per quarter. Above 70s. and under 80s., the "first low duty" of 5s.; above 80s., and under 85s., the "second low duty" of 1s. This act did not come into operation, as prices never reached 80s.

1825. Another act was also passed, which showed the necessity of a more elastic corn law. It was entitled, "An act to allow, until the 15th of August, 1825, the entry of warehoused corn, grain, and wheaten flour for home consumption, on payment of duty;" that is, at a duty lower than that payable under the previous law. The act provided that foreign corn secured in warehouse before May 13, 1822, and wheaten flour, warehoused under 5 Geo. IV. c. 70, might be taken out of bond under the following regulations:—Between June 15 and July 15, half the quantity warehoused might be liberated; and the remainder between July 15 and August 15, at a duty of 10s. Other descriptions of grain were permitted to be liberated on corresponding terms.

In the following year the government was driven to a still more decisive step to correct the operations of the corn law; and on Sept. 1, an order in council was issued, admitting certain descriptions of grain for home consumption, until 40 days after the next meeting of parliament, at an almost nominal rate of duty, on the ground that, "if the importation for home consumption of oats and oatmeal, and of rye, peas, and beans, be not immediately permitted, there is great cause to fear that much distress may ensue to all classes of his majesty's subjects." In the ensuing sessions of parliament ministers obtained an act of indemnity for this order.

1827. After these indications of imperfection had given strength to the opinion that a better system must be devised, Mr. Canning introduced certain resolutions in the House of Commons, and a bill was brought in, founded on these resolutions, fixing a duty of 1s. on foreign wheat, when the average price was 70s. per quarter; a duty of 2s. being imposed for the reduction of each shilling in the averages. In respect to colonial wheat, the duty was fixed at 6*d.*, when the averages were 65s. per quarter, and when under that sum, at 5s. per quarter. The bill was not carried through the House of Lords. In 1828, Mr. Charles Grant (now Lord Glenelg) introduced a series of resolutions slightly differing from those which had been moved by Mr. Canning. After a good deal of debate, Mr. Grant's resolutions were carried in the house; and the act embodying them (9 Geo. IV. c. 60) is

that by which the corn trade is now regulated.

This measure is entitled "An act to amend the laws relating to the importation of corn," and repeals 55 Geo. III. c. 26 (1815;); 3 Geo. IV. c. 60 (1822,) and 7 and 8 Geo. IV. c. 58 (1827.) The aggregate for six weeks regulates the duty on importation.

The importation of foreign wheat; in 1838, amounted to about 1,500,000 quarters, the duty having fallen to 1s. in the month of September.

1840. Multitudes of petitions on the subject of the corn laws were presented. Mr. Villiers brought in a motion in April, "That the house resolve itself into a committee of the whole house, to take into consideration the act of Geo. IV., regulating the importation of foreign grain." But, although the motion was lost, it was the opinion of many that the corn laws was a question not to be so easily got rid of.

CORN EXCHANGE, the New London, opened June 24, 1828.

CORNEILLE, PETER, an eminent French poet, and dramatist, was born at Rouen, in 1606. At the age of 31, he produced the famous tragedy of the "Cid," the principal beauties of which were, however, borrowed from the Spanish theatre; and afterwards, successively, the beautiful tragedies of the "Horatii," "Cinna," "Polyeucte," "Pompée," and "Rodogune." In 1647, he was chosen a member of the French Academy. He afterwards produced four tragedies more, and died October 1, 1684, in the 79th year of his age.

CORNEILLE, THOMAS, a poet and historian, brother of the preceding, born 1615, died 1709, aged 84.

CORNELIUS NEPOS, the Roman biographer, died about A.C. 25.

CORNWALL was the country of the Cimbri, Cornabii, and Dannii; under the Romans it formed part of Britannia Prima. The Cornish Britons repulsed the invasion of Egbert, king of Wessex, in the 9th century; but in the 10th century, Cornwall was added to Britain by Athelstan. In Cornwall, Perkin Warbeck landed in 1497; and here, also, two violent insurrections originated against the government of Henry VII. The effects of the royalists in favour of Charles I. expired latest in this county. After the subjugation of this district by Athelstan, it was placed under the admi-

nistration of a feudal government, which continued until the creation of the dukedom, in favour of Edward the Black Prince, from which period the eldest sons of the kings of England have borne the title of dukes of Cornwall.

CORNWALLIS, MARQUIS, K.G., born 1738, died in India, 1805.

CORONATION. The custom of placing crowns upon the heads of princes on their accession to the regal office, appears to have descended from very remote antiquity. The origin of this ceremony, as observed in Great Britain, is lost in obscurity; but the numerous tenures and dependencies determinable by the non-performance of services at the solemnity, show how important it was intended to be in the eyes of the people. Among these, one of the most curious and imposing, was the office of the king's champion, formerly observed. Ever since the coronation of Richard II., this has been continued in the family of Dymocke, who held the manor of Scrivelsby, in Lincolnshire, hereditary from the family of the Marmions, who had it before, by grand-sergeantry; on condition that the lord thereof should be the king's champion. Accordingly, Sir Edward Dymocke performed this office at the coronation of King Charles II. A person of the name of Dymocke also performed it at the coronation of his late majesty, George III.; and another individual of the same name and lineage, at that of his late majesty, George IV., since which it has been discontinued.

An account of the ceremonies to be observed at the coronation of a British sovereign, is preserved in an ancient book, called "The Liber Regalis," deposited in the care of the dean and chapter of Westminster. There are still in existence records which establish the prices formerly given for places at the coronation of our kings; the earliest of them are in coins now unknown. The price of a good place at the coronation of the Conqueror, was a blank; and probably the same at that of his son, William Rufus. At that of Henry I., it was a crocard; and at Stephen and Henry II.'s, a pollard. At Richard (and John's, who was crowned frequently), it was a suskin; and rose at Henry III., to a dodkin. In the reign of Edward, the coins began to be more intelligible; and we find that, for seeing his coronation, a Q was given, or half a ferling,

or farthing. At the coronation of Edward II., it was a farthing; and at his son, Edward III.'s, a halfpenny. In Richard II.'s reign, it was a penny, and continued the same in that of Henry IV. At Henry V.'s coronation, it was twopence, or the half of a grossus, or groat; and the same at that of Henry VI. At the coronation of Edward IV. it was again the half groat; nor do we find it raised at those of Richard III., or Henry VII. At that of Henry VIII., it was the whole groat or grossus; nor was it altered at those of Edward VI., and Queen Mary; but at Queen Elizabeth's, it was a teston or tester. At those of James I., and Charles I., a shilling was given; which was advanced to half-a-crown at those of Charles II., and James II. At King Williams, and Queen Anne's, it was a crown; and the coronation of George I., was seen by many for the same price. At that of George II., some gave half-a-guinea. At the coronation of George III., the front seats in the galleries of the abbey, were let at ten guineas each. Latterly greater accommodation has been afforded, so that the price has been very moderate. The price of admission to view the procession at the coronation of Queen Victoria, varied from two to five guineas.

The dates of the coronation of the monarchs of England will be found under the articles BRITAIN and ENGLAND.

CORONATION OF GEORGE IV., was rendered unusually attractive from the length of time which had elapsed since the occurrence of a similar spectacle. It was not only celebrated with a degree of magnificence and splendour hitherto unequalled, but with the strictest attention to heraldic forms and precedents. The 1st of August, 1820, had been originally fixed upon for the ceremonial, but circumstances afterwards occurring to render its postponement necessary, it was not observed till July 19, in the following year, and is stated to have cost £243,000.

CORONATION OF WILLIAM IV., and Queen Adelaide, was conducted on a much more economical plan. It took place September 8, 1831. On this occasion the walking procession of the estates of the realm, the banquet at Westminster-hall, with the ceremonies of the champion, and all other feudal services attendant thereon, were omitted; the expense did not exceed £50,000.

CORONATION OF QUEEN VICTORIA. This event, which, from the age and sex of the sovereign, excited an extraordinary degree of interest among all classes, took place June 28, 1838. According to the statement made in the House of Commons, no less than 400,000 persons came into London to be present on the occasion, and upwards of £200,000 was in consequence expended. It is said to have cost the public only £70,000. The coronation was conducted in most respects after the abridged model of that of her immediate predecessor; the walking procession, the banquet in Westminster-hall, with all the feudal services being wholly dispensed with. To meet, in some degree, the general wishes expressed for a coronation more stately than the last, the exterior cavalcade was increased in splendour and numbers, and a much more extended line of approach was adopted. It was thus brought to resemble, still more closely than on the former occasion, the procession through the metropolis, which was formerly considered a necessary part of the solemnities of the coronation, but which was last performed by King Charles II. The main difference was that the modern procession was not through the city of London, but through that of Westminster, a city now much larger, and far more magnificent than ancient London.

As nearly as possible to 10 o'clock, the head of the procession moved from the palace. When the queen stepped into her carriage, a salute was fired from the guns ranged in the enclosure. The only novel feature of the procession were the equipages of the foreign ambassadors extraordinary, which were all new for the occasion, and very superb. The most striking and elegant coach was that of Marshal Soult. The queen reached the western entrance of the Abbey at half-past 11, and was there received by the great officers of state, the noblemen bearing the regalia, and the bishops carrying the patina, the chalice, and the bible. Immediately under the central tower of the Abbey, in the interior of the choir, a platform was raised, five steps from the ground, on a carpet of gold and purple. The platform itself was covered with cloth of gold; and on it the chair of homage, superbly gilt, was placed, facing the altar. Further on, within the chancel, and near the altar, was St. Ed-

ward's chair. The altar was covered with massive gold plate. As the queen advanced slowly towards the centre of the choir, she was received with hearty plaudits; the anthem, "I was glad," being sung by the musicians, and the Westminster boys chanted "Vivat Victoria Regina." The queen moved towards a chair placed midway between the chair of homage and the altar, then took her seat in the chair; and the ceremonial proceeded.

THE RECOGNITION. The archbishop of Canterbury, advanced to the queen, accompanied by the lord chancellor, the lord chamberlain, the lord high constable, and the earl marshal, preceded by the deputy garter, and repeated these words, "Sirs, I here present unto you Queen Victoria, the undoubted queen of this realm; wherefore, all you who are come this day to do your homage, are you willing to do the same?" Then burst forth the universal cry from the portion of her majesty's subjects present, "God save Queen Victoria." The archbishop turning to the north, south, and west sides of the Abbey, repeated "God save Queen Victoria;" the Queen turning at the same time in the same direction.

THE OFFERING. The queen, attended by the bishops of Durham, Bath and Wells, and the dean of Westminster, with the great officers of state, and noblemen bearing the regalia, advanced to the altar, and kneeling upon the crimson velvet cushion, made her first offering, being a pall, or altar-cloth of gold. The Treasurer of the Household then delivered an ingot of gold, of one pound weight, to the Lord Great Chamberlain; who having presented the same to the queen, her majesty delivered it to the archbishop, by whom it was put in the oblation basin.

THE SERVICE. The archbishop delivered a prayer in the prescribed form. The regalia was laid on the altar, by the archbishop. The great officers of state, except the Lord Chamberlain, retired to their respective places; and the bishops of Worcester, and St. David's read the Litany. Then followed the communion service, read by the archbishop of Canterbury, and the bishops of Rochester, and Carlisle. The bishop of London preached the sermon from the second Book of Chronicles, chap. xxxiv. ver. 31.

THE OATH. At the conclusion of the sermon. "The Oath" was administered to the queen by the archbishop of Canterbury. The form of swearing was as follows:—The archbishop put certain questions, which the queen answered in the affirmative, relative to the maintenance of the law and the established religion; and then her majesty, with the lord chamberlain, and other officers, the sword of state being carried before her, went to the altar, and laying her right hand upon the gospels in the bible carried in the procession, and now brought to her by the archbishop of Canterbury, said, kneeling, "The things which I have here before promised I will perform and keep. So help me God." The queen kissed the book, and signed a transcript of the oath presented to her by the archbishop.

THE ANOINTING was the next part of the ceremony. The queen sat in King Edward's chair; four knights of the garter, the dukes of Buccleuch and Rutland, and the marquesses of Anglesea and Exeter, held a rich cloth of gold over her head; the dean of Westminster took the ampulla from the altar, and poured some of the oil it contained into the anointing spoon; then the archbishop anointed the head and hands of the queen, marking them in the form of a cross, and pronouncing the words, "Be thou anointed with holy oil, as kings, priests, and prophets were anointed. And as Solomon was anointed king by Zadok, the priest, and Nathan, the prophet; so be you anointed, blessed, and consecrated queen over this people, whom the Lord your God hath given you to rule and govern, in the name of the Father, and of the Son, and of the Holy Ghost. Amen."

PRESENTING THE SPURS. The spurs were presented by the lord chamberlain, and the sword of state by Lord Melbourne; who, however, according to custom, redeemed it "with a hundred shillings," and carried it during the rest of the ceremony. Then followed the investing with the "Royal Robe, and the delivery of the Orb," and the "Investiture per annulum et baculum"—the ring and sceptre.

THE CORONATION. The archbishop of Canterbury offered a prayer to God to bless her majesty, "and crown her with all princely virtues." The dean of Westminster took the crown from the altar;

and the archbishop of Canterbury with the archbishops of York and Armagh, the bishops of London, Durham, and other prelates, advanced towards the queen, and the archbishop taking the crown from the dean, reverently placed it on the queen's head. This was no sooner done, than from every part of the crowded edifice arose a loud and enthusiastic cry of "God save the queen!" mingled with lusty cheers, and accompanied by the waving of hats and handkerchiefs. At this moment too, the peers and peeresses present put on their coronets, the bishops their caps, and the kings of arms their crowns, the trumpets sounding, the drums beating, and the tower and park guns firing by signal.

The Bible was presented by the archbishop of Canterbury to the queen, who delivered it again to the archbishop, and it was replaced on the altar by the dean of Westminster.

THE BENEDICTION was delivered by the archbishop; and the *Te Deum* sung by the choir. At the commencement of the *Te Deum*, the queen went to the chair which she first occupied, supported by two bishops. She was then "enthroned," or "lifted," as the formulary states, into the chair of homage, by archbishops, bishops, and peers surrounding her majesty. Her majesty delivered the sceptre with the cross to the lord of the manor of Worksop, (the duke of Norfolk,) and the sceptre with the dove to the duke of Richmond, to hold during the performance of the ceremony of homage.

THE HOMAGE. The archbishop of Canterbury knelt and did homage for himself and other lords spiritual, who all kissed the queen's hand. The dukes of Sussex and Cambridge, removing their coronets, did homage in these words,— "I do become your liege man of life and limb, and of earthly worship, and faith and truth I will bear unto you, to live and die, against all manner of folks. So help me God." It was observed that her majesty's bearing towards her uncles was very kind and affectionate. Lord Rolle, who was upwards of 80, stumbled and fell, on going up the steps. The queen immediately stepped forwards and held out her hand to assist him, amidst the loudly expressed admiration of the entire assembly.

While the lords were doing homage,

the earl of Surrey, treasurer of the household, threw coronation medals, in silver, about the choir and lower galleries, which were scrambled for with great eagerness. At the conclusion of the homage, the choir sung the anthem, "This is the day which the Lord hath made." The queen received the two sceptres from the dukes of Norfolk and Richmond; the drums beat, the trumpets sounded, and the assembly cried out, "God save Queen Victoria." The solemnity was followed by some remaining religious services, including the communion.

The queen then left the throne, and, attended by two bishops, and noblemen bearing the regalia and swords of state, passed into King Edward's chapel, the organ playing. The queen delivered the sceptre with the dove to the archbishop of Canterbury. She was then disrobed of her imperial robe of state, and arrayed in her royal robe of purple velvet, by the lord chamberlain. The archbishop placed the orb in her left hand. The gold spurs and St. Edward's staff were delivered by the noblemen who bore them to the dean of Westminster, who placed them on the altar. The queen then went to the west door of the abbey, wearing her crown, the sceptre with the cross, being in the right, and orb in the left hand. The swords and regalia were delivered to gentlemen who attended to receive them from the jewel office. It was about a quarter to four o'clock when the royal procession passed through the nave, in the same order as before, at the conclusion of the ceremony in the abbey.

The usual ceremony of the banquet being dispensed with, her majesty entertained a party of 100 at dinner; and in the evening witnessed from the roof of her palace, the fireworks discharged in the Green park. The duke of Wellington gave a grand ball at Apsley House, for which cards of invitation were issued for 2,000 persons. In almost every town throughout the country, the heartiest demonstrations of public rejoicing took place. Public dinners, feasts to the poor, processions, and illuminations, were the order of the day.

CORONATION CHAIR, commonly called St. Edward's chair, is a very ancient chair of solid hard wood, with back and sides of the same, variously painted, in which the kings of Scotland

were heretofore constantly crowned; but being brought out of that kingdom by King Edward I., after he had overcome John Baliol, king of Scots, it has ever since remained in the abbey of Westminster, and has been the royal chair in which the succeeding kings and queens of this realm have been inaugurated. At nine inches from the ground there is a bottom-board, supported at the four corners by four lions, and between the seat and the said bottom-board is enclosed a stone, commonly called Jacob's Stone, or the Fatal Marble Stone, fabled to be the stone whereon the patriarch Jacob laid his head, in the plain of Luza. It was brought to Brigantia, in the kingdom of Galicia in Spain, in which place Gathol, king of Scots, sat on it, as his throne; thence it was brought into Ireland by Simon Breach, first king of Scots, about A.C. 700; from thence into Scotland by King Fergus, about A.C. 330. A.D. 859, it was placed in the abbey of Scone, in the sheriffdom of Perth, by King Kenneth, who caused it to be enclosed in this wooden chair, and this prophetic distich to be engraved:—

*Ni fallat Fatum, Scoti hunc quocunque locatum,
Invenient lapidem, regnare tenentur ibidem.*

If fate go right, where'er this stone is found,
The Scots shall monarchs of that realm be
crown'd.

Which is the more remarkable by being fulfilled in the person of King James I. This antique regal chair having, together with the golden sceptre and crown of Scotland, been solemnly offered by the fore-mentioned King Edward I. to St. Edward the Confessor, in 1297, (from whence it has the name of St. Edward's chair,) has ever since been kept in St. Edward the Confessor's chapel.

CORONERS, ancient officers of the realm, whose duty is to inquire, on the part of the king, how any violent death has occurred. Mention is made of this office as early as the time of King Athelstan, in 925.

CORONETS for earls were first allowed by Henry III.; for viscounts, by Henry VIII.; for barons, by Charles II.

CORPORATION, a body politic, authorised by the king's charter to have a common seal. These political constitutions were first invented and introduced, according to Plutarch, among

the Romans by Numa, in order to break the force of the two rival factions of Sabines and Romans; by instituting separate societies of every manual trade and profession. Of corporations, some are aggregate and others sole. The former consist of many persons united together into one society. The latter consist of one person only and his successors, in some particular station, who are incorporated by law, in order to give them some legal capacities and advantages.

Corporations were formerly established for a variety of purposes. Lay corporations were created for the good government of a town, or particular districts; as a mayor and commonality, bailiff and burgesses, &c.—some for the advancement and regulation of manufactures and commerce, as the trading companies of London, and of other towns:—and some for the more effectual accomplishment of various special purposes, as the Royal Society, for the advancement of natural knowledge.

CIVIC CORPORATIONS were eminently useful in checking the oppression of the feudal government in England in former times, and in extending personal and political liberty. See CITY. They were established by charter from the king; but becoming subject to inconvenience by obstructing the free circulation of labour in large cities, and other abuses, they were recently made subject to the following act of parliament.

MUNICIPAL CORPORATION ACT. By this act, 5 and 6 Will. IV. c. 76, September 9, 1835, entirely new regulations are introduced in all the principal corporations in the kingdom. The following are the chief enactments. 1. This statute repeals all royal and other charters, grants, and letters patent to the boroughs, as particularised in the act, so far as inconsistent with this act. 2. Reserves all rights of property, and beneficial exemptions to freemen, their widows and orphans, including all inchoate rights. 3. Freedom not to be acquired by gift or purchase. 4. Parliamentary franchise reserved to freemen. 5. "The freemen's roll" to be kept by the town clerk; to be examined, and copies furnished on payment. 6. Corporations to be styled "The mayor, aldermen, and burgesses." 7. Boundaries, as settled by the parliamentary

reform act, until altered by parliament. 8. Places, precincts, or parts of districts included within boroughs or counties, are to be taken as part of the divisions wherein situated: proportional amounts of payments to be settled by a ward of barristers, &c. 9. Occupiers of houses, warehouses, counting-houses, and shops, rated for three years, of resident householders within seven miles entitled to become burgesses; exclusive of aliens and receivers of parochial relief. 10. Medical assistance and public instruction not to be deemed parochial relief. 11. Occupiers may claim to be rated; where rates are payable by the landlord, claim of occupier not to be annulled thereby. 12. In titles by descent, marriage, &c.; the time of rating to include the previous occupancy. 13. Occupancy, and payment of rates, the only grounds of claiming to be enrolled. 14. Exclusive rights of trading by retail, &c., wholly abolished. 15. "The burgess list" to be made out annually, September 5. 16. When no town clerk, persons doing duties of town clerk, to act; where no overseers, such place to be deemed as belonging to neighbouring parish. 17. Regulates notices as to omission of names, objections to names, and publication thereof; lists to be kept, consulted, &c., and sold at 1s. each. 18. The mayor, and two assessors chosen by the burgesses, to revise lists annually.

Mayor, aldermen, and councillors to be elected by the burgesses. One-third of the council to go out of office annually, but are re-eligible. Councillors to be chosen November 1, annually, &c. Barristers appoint boundaries of wards; and also assign the number of councillors, &c. Burgesses to elect councillors and assessors in their respective wards. Bankruptcy, &c., to disqualify and displace mayor, aldermen, and councillors. If convicted of bribery, penalty £50, and disqualified from all elective rights. Persons offending, if they detect and convict others so offending, to be themselves exempt from penalties. A watch committee to be appointed: constables of boroughs to act for the counties. The crown to appoint justices at pleasure; stipendiary, if at request of councils; qualification not requisite; but not to sit at jail delivery, &c. Council to find "police officers." The crown, on petition, may grant charters of incorporation.

CORPORATION AND TEST ACTS, repealed by 9 Geo. IV. c. 17; passed May 9, 1828. After reciting the 13th Car. II. s. 2, c. 1, the 25th Car. II. c. 2, and the 16th Geo. II, c. 30, this act enacts, that so much and such parts of the said several acts as require the person or persons in the said acts respectively described, to take or receive the sacrament of the Lord's supper according to the rights or usages of the church of England, for the several purposes therein expressed, shall be repealed.

CORPUS CHRISTI DAY, May 25, the profane exhibition of the cat on, suppressed 1757; festival of, appointed 1265.

CORPUS CHRISTI COLLEGE, Oxford, founded 1516.

CORPUS CHRISTI COLLEGE, Cambridge, founded 1351.

CORSICA, island in the Mediterranean Sea, anciently occupied by the Phœnicians, Lacedemonians, and Carthaginians, to whom the Romans succeeded. In the 5th century the Goths were its masters; in the 8th the Saracens. Next it submitted to Pope Gregory VII., after that to the Pisans, and in 1297, to James II. of Arragon; the Genoise retained it from 1480 to 1730; the celebrated Corsican revolt occurred in 1730. In 1755, Paoli, the patriot general flourished; in 1768, the island was ceded to France by the Genoese; and in 1769, Paoli took shelter in England, and left Corsica under French domination. From 1796-1797, it was in the possession of the English, from whom it was retaken by the French, and its two departments Golo and Liamone formed into one, and finally annexed to that country. This interesting island was the birth place of Napoleon. See **AJACCIO**.

CORTES OF SPAIN, assembled and installed in the Isle of Leon, November 24, 1810. Dissolved by Ferdinand VII., May 4, 1814; all the papers in which the proceedings of that assembly were mentioned, collected and burnt at Madrid by the government, November, 1814. Patriotic members of, confined at Ceuta, were taken out of their beds, carried on board a xebeck, loaded with irons, and conveyed to some unknown place, July 19, 1816. Assembled to consider the constitution of 1812, November, 1836.

CORTEZ, FERNANDO, the celebrated conqueror of Mexico, was born at Me-

dellin, in Estremadura, in 1485. In 1504, began his expedition to the New World, and having signalized himself in several instances by his intrepidity, he was selected, 1511, by Velasquez to conduct his followers to the conquest of Mexico, which he had then just discovered to be a rich and populous kingdom. Cortez completed this conquest in 1521. The crown of Spain afterwards confirmed his authority, and appointed him captain-general and governor of New Spain. His designing enemies, however, succeeded in filling the mind of Charles V. with suspicions, and he ordered an inquest into his conduct, in 1522. Cortez immediately determined to return to Spain, and face his enemies, rather than stand a trial in the country he had conquered. Here he was received in the most respectful manner, but though dignified with new titles, he returned to Mexico in 1530, with diminished authority. The military department, with powers to attempt new discoveries, was left in his hands; but the supreme direction of civil affairs was placed in a board called "The Audience of New Spain." Dissatisfied and disgusted, on a variety of accounts, he once more sought redress in his native country, and returned thither in 1540; but his reception was very different from that which gratitude, and even decency, ought to have secured for him. At length broken down by age, and the vexation of disappointment, he ended his days, December 2, 1547, aged 62.

CORUNNA, seaport town in Spain. On the heights of Corunna, Jan. 16, 1809, Marshal Soult vainly, but obstinately endeavoured to intercept the embarkation of the British army. In this action Sir John Moore was killed.

CORYAT, THOMAS, author of "Cru-dities," and remarkable for the preposterous vanity of publishing in an Index Expurgatorius, 1000 of the verses made upon himself and his book, by the men of wit and learning of that age, and in which they ridicule him in a style of high panegyric: born 1577, and died aged 64.

COSTARD, GEORGE, astronomical writer, born about 1710, died 1782.

COTES, ROGER, the mathematician, born 1682, died 1716.

COTOPAXI, volcanic mountain, South America. The most remarkable eruptions were the following:—In 1698,

when Tacunga and most of its inhabitants were overwhelmed; in 1738, the flames ascended 3000 feet above the brink of the crater; in 1742 and 1744, when its roarings were heard at Honda on the Magdalena, 600 miles distant; in 1766 and 1768; in 1803, the noise of the explosion was heard by Humboldt at Guayaquil, 52 leagues distant, and then resembled frequent discharges of artillery.

COTTE, the French architect, born 1656, died 1735, aged 79.

COTTON, SIR ROBERT, the antiquarian, born 1570, died 1631, aged 60.

COTTON MANUFACTURE has been carried on in Hindostan from the remotest antiquity. Herodotus mentions (lib. iii. c. 106) that in India there are wild trees that produce a sort of wool superior to that of sheep, and that the natives dress themselves in cloth made of it. The manufacture obtained no footing worth mentioning in Europe till last century. The first authentic mention of it in England is by Lewis Roberts, in his "Treasure of Traffic," published in 1641, where it is stated, "The town of Manchester, in Lancashire, must be also herein remembered, and worthily for their encouragement commended, who buy the yarne of the Irish in great quantity, and weaving it, return the same again into Ireland to sell. Neither doth their industry rest here; for they buy cotton wool in London that comes from Cyprus and Smyrna, and at home work the same, and perfect it into fustians, vermilion, dimities, and other such stuffs, and then return it to London, where the same is vented and sold, and not seldom sent into foreign parts, who have means, at far easier terms, to provide themselves of the said first material."

From the first introduction of the cotton manufacture into Great Britain down to 1773, the weft, or transverse threads of the web, only, were of cotton; the warp, or longitudinal threads, consisting wholly of linen yarn, principally imported from Germany and Ireland. In the first stage of the manufacture, the weavers furnished themselves as well as they could with the warp and weft for their webs, and carried them to market when they were finished. But about 1760, the Manchester merchants began to send agents into the country, who employed weavers,

whom they supplied with foreign or Irish linen yarn for warp, and with raw cotton, which being carded and spun by means of a common spindle or distaff, in the weaver's own family, was then used for weft.

The entire value of all the cotton goods manufactured in Great Britain, at the accession of George III. in 1760, was estimated to amount to only £200,000 a-year, and the number of persons employed was quite inconsiderable: but in 1767, James Hargraves, a carpenter at Blackburn in Lancashire, invented a spinning jenny. The jenny was applicable only to the spinning of cotton for weft, being unable to give to the yarn that degree of firmness and hardness which is required in the longitudinal threads or warp: but this deficiency was soon after supplied by the introduction of the spinning frame, invented by Sir Richard Arkwright, for which he received a patent in 1769. He also applied the same principle to different stages of the preparation of the raw material, for which he obtained a patent in 1775. About 1779, Mr. Samuel Compton invented a machine compounded of both the former ones, and which was on this account called the mule.

Since this time the progress of discovery and improvement in every department of the manufacture has been most rapid; by the power-loom, invented by the Rev. Mr. Cartwright, and innumerable other inventions, the prices of cotton cloth and yarn have gone on progressively diminishing. But as the demand for cottons has been, owing to their extraordinary cheapness, extended in a still greater degree, the value of the goods produced, and the number of persons employed in the manufacture, are now decidedly greater than at any previous period. In 1817, Mr. Kennedy, one of the best informed cotton manufacturers in the empire, in a paper published in the "Manchester Transactions," estimated the number of persons employed in the spinning of cotton in Great Britain at 110,763; the aid they derived from steam-engines as equal to the power of 20,768 horses; and the number of spindles in motion at 6,645,833. Mr. Kennedy further estimated the number of hanks of yarn annually produced at 3,987,500,000; and the quantity of coal consumed in their production at 500,479 tons. But the cotton manu-

facture has increased rapidly since then. Mr. Huskisson stated in the House of Commons, in March, 1824, that he believed the total value of the cotton goods then annually manufactured in Great Britain amounted to the sum of 33 millions and a half, and it is supposed not to have in the least decreased. A large portion of this is used for foreign consumption.

The declared value of British cotton manufactures exported to foreign parts in the year ending January 5, 1839, was as follows:—entered by the yard £15,554,733; hosiery, lace, flannel wares, £1,161,124; cotton twist and yarn, £7,431,869.

COTTON WOOL. Brazil, the East Indies, Egypt, &c., are, after the United States, the countries that furnish the largest supplies of cotton wool for exportation. Of 288,674,000lbs. of cotton wool imported into the United Kingdom, in 1831, 219,333,000lbs. were from the United States, 31,695,000lbs from Brazil, 25,805,000lbs. from the East Indies, 7,714,000lbs. from Egypt, 2,401,000lbs. from the British West Indies, 334,000lbs. from Columbia, 366,000lbs. from Turkey and Continental Greece, 344,000lbs. from Malta, &c.

In the year ending January 5, 1839, the total quantity imported amounted to £507,286,744, of which £460,755,023, were entered for home consumption. The duty paid that year was £559,250.

COTTON MANUFACTORY, at Durham, totally consumed by fire, January 7, 1804.

COTTON'S WHARF, London, burnt, when damage amounting to £49,000 was sustained, August 12, 1751.

COTTONIAN LIBRARY, settled on the public, 1701; damaged by fire, Oct. 25, 1731.

COUCHMAN, lieutenant of the Chesterfield, and Morgan, lieutenant of marines, shot pursuant to sentence, on board the Chesterfield, at Portsmouth, July 14, 1749.

COUNCIL, in ecclesiastical history, a synod or assembly of prelates and doctors, met for the regulation of matters relating to the doctrine or discipline of the church. Although the meeting of the church of Jerusalem, in 48, mentioned in the 11th chapter of Acts, is commonly considered as the first christian council, yet, Mosheim observes that this consisted only of one church, and,

therefore, cannot be called a council. This institution had its origin among the Greeks, and consisted of deputies or commissioners of several churches, the name of "synods" was appropriated by the Greeks, and that of "councils" by the Latins. No trace of such assemblies can be found before the middle of the second century. The following is a list of the principal councils, arranged chronologically.

269. At Antioch.

314. At Arles, at which three English bishops were present.

325. At Nice, when 328 fathers attended against Arius. This was the first of the ecumenical councils established by Constantine.

381. The first at Constantinople, when Pope Damascus presided, and 150 fathers attended.

400. That at Sardis, when 376 fathers attended.

431. The first at Ephesus, when Pope Celestine presided, and 200 fathers attended.

451. That at Chalcedon, when Pope Leo presided, and 600 fathers attended.

552. The second at Constantinople, when Pope Virgilius presided, and 165 fathers attended.

568. One called the Milevetan council.

600. At Constantinople.

649. At Rome.

680. The third at Constantinople, when Pope Agatho presided, and 289 fathers attended.

787. The second at Nice, when Pope Adrian presided, and 350 fathers attended.

869. The fourth at Constantinople, when Pope Adrian presided, and 1011 fathers attended.

1053. That at Vercellus, when Pope Leo IX. presided.

1123. The Lateran one, when Pope Calixtus II. presided, and 300 fathers attended.

1139. The second Lateran one, when Pope Innocent II. presided, and 1000 fathers attended.

1179. Third Lateran one, when Pope Alexander III. presided, and 300 fathers attended.

1215-1217. The fourth Lateran one, when Pope Innocent III. presided, and 1185 fathers attended.

1255-1274. At Lyons.

1311. That at Vienna, when Pope

Clement V. presided, and 300 fathers attended.

1414. One at Constance, when Pope John XXII. and Martin V. presided.

1431. There have been several other provincial councils, and others, as that of Avignon, in France, and at Bituria, in Tuscany.

1448. At Tours, in France.

1449. At Florence, in Italy.

1473. At Toledo, in Spain.

1513. The fifth Lateran one, when Pope Julian III. and Pius IV. presided against Luther.

1548. At Aspurg, in Germany; at Cologne, in Germany; and at Treves, in Germany.

1549. At Cologne, in Germany, and at Mentz, in Almaine.

1550. At Numantia, in Spain.

COUNSEL first allowed to persons guilty of high treason, April, 21, 1696.

COUNTIES, first division of, in England, 900; first sent members to parliament, 1258.

COUNTY GAOLS have cost building as follows:—Gloucester, £18,009, contains 170 cells; Monmouth, £4,000, contains 26 cells; Ipswich, £13,000, contains 86 cells; Sussex, £5,500, contains 30 cells; Oxford city, £4,500 contains 30 cells; Oxford county, £10,000, contains 80 cells; Manchester, £15,000, contains 140 cells; Preston, £9,000 contains 70 cells; Stafford, £18,000, contains 140 cells; Liverpool, £25,000, contains 300 cells; Dorchester, £12,000, contains 100 cells; Devon, £20,000, contains 160 cells.

COUNTY COURTS first erected, 896.

COURIERS, OR POSTS, invented by Charlemagne, 808.

COURLAND, government of European Russia, was a part of Livonia, conquered in the 13th century by the Teutonic knights, and became a fief of Poland under its hereditary dukes, until 1737. In 1762, Biren, grand chamberlain of Russia, was acknowledged duke, and on the decease of his son, in 1795, Courland was received under Russian protection, the peasants declared free, and the privileges of the nobles preserved to them.

COURTS OF CONSCIENCE, OR REQUESTS, in London, began 1517; again in 1603; in Bristol, Gloucester, and Newcastle, 1689; extended to the sum of £5, Oct. 1800.

COURTS OF JUSTICE instituted at Athens, A.C. 1272.

COVELL ISLANDS, in the Pacific Ocean, 14 in number, lat. 40° 30' N., lon. 168° 40' E., discovered 1832.

COVENANT, a contract or convention agreed to by the Scotch, for maintaining their religion free from innovation. In 1581, the general assembly drew up a confession of faith, or national covenant, condemning episcopal government, which was signed by James I. It was again subscribed in 1590 and 1596. The subscription was renewed in 1638, and the subscribers engaged by oath to maintain religion in the same state as it was in 1580; those who subscribed it were called covenanters.

COVENANT, SOLEMN LEAGUE AND, was established in the year 1643, and formed a bond of union between England and Scotland. Ratified by the general assembly of Scotland in 1645. King Charles I. disapproved of it when he surrendered himself to the Scots' army in 1646; but in 1650, Charles II. declared his approbation both of this and the national covenant by a solemn oath, which was also renewed on occasion of his coronation at Scone, in 1651. It produced a series of distractions in the subsequent history of that country, and was voted illegal by parliament, and provision made against it, stat. 14 Car. II. c. 4.

COVENT GARDEN SQUARE, built 1633.

COVENT GARDEN CHURCH, built by Inigo Jones; repaired 1789; burnt down September 17, 1795; rebuilt after the same design, 1798.

COVENT GARDEN MARKET, the new buildings completed, 1830.

COVENT GARDEN THEATRE, built 1733; enlarged 1792; burnt down September 20, 1808; rebuilt 1809.

1839. September, a public meeting of the performers, creditors, and friends of Covent Garden theatre, to consider of the best means of preventing the sale of property under an execution for parochial rates, and of enabling the theatre to open again at the proper season, at which, after some discussion, a subscription was resolved upon.

COVENTRY, Warwickshire, an ancient city. The old convent (whence the place derives its name,) was ruined by the Danes, 1016, but rebuilt by Leofric, earl of Mercia. The Countess Godiva,

wife of Leofric, is said to have rode through the streets of Coventry with no other covering than her long flowing tresses, which reached to her feet, to obtain some important privileges for the citizens, from their feudal lord, her husband. The Godiva procession, which was begun in the reign of Charles II., is still celebrated on May 2, in each year.

Edward III. granted a charter to Coventry. Henry VI. encircled it with walls; Edward IV. kept here the festival of St. George. Queen Elizabeth was the guest of the corporation, and Mary, queen of Scots, was in the city, for some time a captive. James I. granted the city a charter, but the citizens having joined the Cromwellians, Charles II. threw down their tower and city walls.

COVENTRY ABBEY, built 1043.

COW-POX, inoculation by, as a security against the small-pox, introduced by Dr. Jenner, 1800. See VACCINATION.

COWDLEY HOUSE, Kent, the seat of Viscount Montague, destroyed by fire, with all its valuable paintings and furniture, September 25, 1793.

COWES CASTLE, in the Isle of Wight, built 1540.

COWLEY ABRAHAM, one of the earliest British poets, born at London, in 1618. Admitted king's scholar at Westminster. His first inclination to poetry was excited by reading "Spenser's Faery Queen." A collection of his poems was published in 1633. In 1636, he removed to Trinity College, Cambridge. His zeal for the royal cause engaging him in the service of the king, who valued his abilities, he attended his majesty in many of his expeditions. His amorous poems, entitled the "Mistress," were published at London, in 1647. He was created doctor of physic at Oxford, December 2, 1657. At the restoration he obtained a pension of £300 a year. He died July 28, 1667, in the 49th year of his age. On August 3, following, he was interred in Westminster abbey. A monument was erected to his memory by George Villiers, duke of Buckingham, in 1675.

COWLING CASTLE, Kent, built 1481.

COWPER, WILLIAM, a distinguished modern poet, born at Berkhamstead, in Hertfordshire, Nov. 26, 1731. Was sent to Westminster school which he left at the age of 18; here he had acquir-

ed the accomplishments and reputation of scholarship, as well as the esteem of some aspiring youths, who afterwards rose to eminence. From Dec. 1763, to the following July, he suffered all the wretchedness attendant on mental derangement. In 1767, removed with Mrs. Unwin to Olney. Here he contracted a close friendship with the late Mr. Newton, then rector of the parish, and afterwards for many years rector of St. Mary Woolnoth, London.

1768. He was visited by a heavy affliction, in the illness and death of his brother, for whom he possessed the highest esteem and affection. Cowper hastened to Cambridge on the first news of his illness, and the scenes which passed between these two affectionate brothers are beautifully described in a narrative, which Mr. Newton published in 1802. In 1781, our poet published his first volume containing many poems of extraordinary merit. The "Task," with his "Tirocinium," and several miscellaneous pieces, formed his second volume, which was published in 1784.

1794. A pension from his majesty was granted him, which would have relieved the poet's mind from all anxiety on account of his circumstances; but his malady had deprived him of all power of receiving comfort. In a few months he again sunk into the most pitiable melancholy. In December, 1796, Mrs. Unwin, whose powers had been gradually wasting, expired without a struggle. Cowper was much distressed at taking his leave of the corpse, but never mentioned the name of his friend again.

In the latter end of March 1799, he wrote some stanzas entitled the "Castaway," founded on an anecdote in Anson's Voyages. He afterwards became too ill to attend to any employment; and on April 13, 1800, alarming symptoms appeared. A deadly change was afterwards observed to have taken place and after remaining for 12 hours in an insensible state, he ceased to breathe, April 25, 1800.

"The person and life of Cowper," says Mr. Hayley, "seem to have been formed with equal kindness by nature; and it may be questioned, if she ever bestowed on any man, with a fonder prodigality, all the requisites to conciliate affection and to inspire respect. He was beloved and revered by all who knew

him, with a sort of idolatry. I may be suspected of speaking with fond partiality the unperceived exaggerations of friendship; but the fear of such a censure will not deter me from bearing my most deliberate testimony to the excellency of him whose memory I revere, and saying that as a man he made, of all men whom I have ever had opportunities to observe so minutely, the nearest approaches to moral perfection." Lord Thurlow has expressed the same idea of his character; for being once requested to describe him, he replied, with that solemn air of dignified elocution by which he was accustomed to give a very forcible effect to a few simple words, "Cowper is truly a good man."

COX, BISHOP, translator of the bible, born 1499, died 1581.

COXE, WILLIAM, author of *Travels in Switzerland*, was born in Dover Street, Piccadilly, March 7, 1747. In 1753, he was sent to Eton, and continued his education there under the Rev. Dr. Bernard, till 1765; when he was elected to King's College, Cambridge. In 1768, he was chosen a fellow of that college, and distinguished himself for his classical attainments. Having devoted himself to the church, in 1771, he was admitted to deacon's orders. In March, 1771, he was appointed to the curacy of Denham, near Uxbridge, but was afterwards made tutor to the marquis of Blandford.

1775. Mr. Coxe accompanied the late earl of Pembroke, then Lord Herbert, in a tour on the continent. He made a second tour in the summer of 1779, which produced his "*Travels in Switzerland, and the country of the Grisons*," in 3 vols. 8vo. In 1784, appeared "*Travels into Poland, Russia, Sweden, and Denmark*," in five vols. 8vo. He made another tour on the continent, with the late S. Whitbread, esq., and returned to England, in May 1786; and shortly after, he again visited the Continent with H. B. Portman esq., eldest son of W. H. Portman, esq. of Bryanston, Dorset. In 1786, he was presented by the society of King's College, Cambridge, to the living of Kingston on Thames, which he resigned in 1788, on being presented to the rectory of Bemerton by the earl of Pembroke. Here he chiefly fixed his subsequent residence.

1794. He again repaired to the Continent with lord Brome, eldest son of the

Marquis Cornwallis. In 1803, he was elected one of the canons residentiary of the cathedral of Salisbury; and in 1805, appointed archdeacon of Wilts, by the venerable Bishop Douglas. He wrote "*Memoirs of John duke of Marlborough*," principally drawn from the rich collection of papers preserved at Blenheim. Of this elaborate work, the first volume appeared in 1817, the second in 1818, and the third in 1819. His other writings are very numerous. He died at his rectory of Bemerton, June 8, 1828, aged 81.

CRABBE, REV. GEORGE, the admired poet, was born on Dec. 24, 1754, at Aldborough, in Suffolk, and was apprenticed to a surgeon and apothecary. Having imbibed a taste for poetry, in 1778, he resolved to abandon his profession. With the very best verses he could write, and with very little more, he quitted the place of his birth, and repairing to the metropolis, fixed his residence with a family in the city, near some friends, of whose kindness he was assured. In 1771, he offered a poem for publication, but did not find a purchaser among the booksellers. He, at length, hazarded the publication of an anonymous performance, "*The Candidate; a poetical epistle to the authors of the Monthly Review*," which was printed in quarto in 1780. In this little publication, he was unfortunate. Mr. Burke, however, took him by the hand; and Crabbe submitted to this distinguished critic a large quantity of miscellaneous compositions. From these Mr. Burke selected "*The Library*" and "*The Village*." "*The Library*" was first published, and gave some reputation to the writer, and encouraged him to publish, in 1783, his second poem, "*The Village*," which was corrected, and a considerable portion of it written in the house of Mr. Burke.

Having resolved to take holy orders, Mr. Crabbe was ordained a deacon by Dr. Yonge, bishop of Norwich, in 1781, and priest by the same prelate in the following year. He immediately after became curate to the Rev. James Bennett, at Aldborough. He was introduced to the late duke of Rutland, who made him his domestic chaplain. He shortly after undertook the curacy of Strathern, near Belvoir Castle, where he continued to reside until the duke of Rutland's death, in 1787.

1783. Lord Chancellor Thurlow,

through the recommendation of Mr. Burke, presented Mr. Crabbe to the rectory of Frome St. Quentin, in Dorsetshire, which he held for about six years. In 1785, he produced "The Newspaper," a poem, which was well received by the public. In 1789, Lord Thurlow presented him with the rectories of Muston, in Leicestershire, and West Allington, in Lincolnshire. In 1807, "The Parish Register" appeared. It was submitted to Mr. Fox, and, in part, read to him during his last illness. The observations he had made in a populous town and a noisy seaport, were conveyed in "The Borough, a poem; in 24 Letters," published in 1810; and "Tales in Verse," which appeared in 1812. After a removal of more than 20 years, Mr. Crabbe returned to his parsonage at Muston in Leicestershire, and again received the favourable notice of the Rutland family. In 1813, the duke presented him to the rectory of Trowbridge, and with it to the smaller benefice of Croxton Kerryel in Leicestershire. To the former place he removed, and from that time he resided in the parsonage till his death, which took place Feb. 8, 1832.

Mr. Crabbe's only prose publications were a funeral sermon on Charles, duke of Rutland, 1789, preached in the chapel of Belvoir Castle; and "An Essay on the Natural History of the Vale of Belvoir," written for the "History of Leicestershire." Mr. Nicholls, the author of that production, says, "Mr. Crabbe's communications, in the progress of this laborious work are such as to entitle him to my warmest and most grateful acknowledgments."

CRACOW, republic and city of Poland, supposed to have been founded by Pinia Cracus in 700; adopted the Magdeburg law in 1237. On the partition of Poland in 1795, Cracow fell to Austria; in 1809, together with West Galicia, it was included with the duchy of Warsaw. In 1815 (by act of congress at Vienna,) Cracow, together with 487 square miles of territory, and 108,000 inhabitants, was declared a republic under the protection of Russia, Austria, and Prussia, on condition that no exile or criminal of any of those empires should find an asylum here.

1836. Cracow was occupied in Feb. by Russian and Austrian troops, under the alleged necessity of protecting it from revolutionary movements.

CRANBOURN PRIORY, Dorsetshire, built, 980.

CRANIOLOGY, first presented in the form of a science by Dr. Gall, to those who attended his lectures, in various parts of Germany, at the commencement of the present century. He then visited most of the principal towns in the north of Germany, and afterwards resided for some time at Paris, where, in conjunction with Dr. Spurzheim, he published a splendid work entitled, "Anatomie et Physiologie du Système Nerveux en général, et du Cerveau en particulier, &c.," about 1803. The science is now more usually called Phrenology. See PHRENOLOGY.

CRANMER, THOMAS, archbishop of Canterbury, and a celebrated reformer, was born at Aslacton, in Nottinghamshire, in 1489. In 1523, he took the degree of doctor of divinity, and was made theological lecturer and examiner. In 1533, he was consecrated archbishop of Canterbury; in May following he pronounced the sentence of divorce between the king and Queen Catharine; and, soon after, married the monarch to Anne Boleyn. In 1536, he divorced the king from Anne Boleyn. In 1540, he was appointed one of the commissioners for inspecting matters of religion and explaining its chief doctrines. On this occasion he published an admirable work entitled, "A Necessary Erudition of any Christian Man." In 1542, he procured the act for the advancement of true religion, which moderated the rigour of the six articles. In 1556, he crowned young Edward, during whose short reign he promoted the reformation to the utmost of his power; and was particularly instrumental in composing, correcting, and establishing the liturgy.

On the death of Edward, Cranmer opposed the settlement of the crown upon Lady Jane Grey, though at last he was prevailed upon to sign it as a witness. Upon Queen Mary's accession to the throne, he was committed to the Tower. In April, 1554, Cranmer, Ridley, and Latimer, were removed to Oxford, in order to dispute with the leaders of the catholics. In these disputations the reformers defended themselves with the most dignified eloquence, but were treated with contempt and insult. Cranmer afterwards signed the recantation of his principles, which has left a shade upon his admirable character.

On the 24th of February, 1556, a writ was signed for the burning of Cranmer; and, on the 24th of March, which was the fatal day, he was brought to St. Mary's church, Oxford, and placed on a stage over against the pulpit, where Dr. Cole, provost of Eton, was appointed to preach a sermon on the occasion. When the fire was applied to him, he stretched out his right hand into the flame, and held it there unmoved (except once with it he wiped his face) till it was consumed, often repeating, "This unworthy hand." He stood unmoved, keeping his eyes fixed to heaven, and repeating more than once, "Lord Jesus receive my spirit," till the flames reached his vitals, and he expired. Such was the fate of Thomas Cranmer, in the 67th year of his age.

CRASSUS, governor of Syria, put to death, 175.

C R A T I N U S, the comic poet, died A.C. 431.

CREAK PRIORY, Norfolk, built 1206.

CREATION of the world began, according to archbishop Usher, on Sunday, October 23, in the year before the vulgar era of the birth of Christ, as given in the Hebrew text, 4004; in the LXX, 5872; in the Samaritan, 4700, of the Julian period, 710. Adam and Eve were created on Friday, October 28.

CREBILLON, a tragic writer, born 1674, died 1726.

CREDITON, Devonshire, 460 houses at, destroyed by fire, August 14, 1743.

CREED, summary account of the chief articles of the christian faith. The principal of these creeds are the Apostles', the Athanasian, and the Nicene.

APOSTLES' CREED, so called, because for many ages it was believed to have been framed by the apostles before they left Jerusalem. Although the exact form of the present creed cannot pretend to be so ancient as the time of the apostles by 400 years, yet a form not very different from it was used long before, as we learn from Irenæus and Tertullian. The repetition of a creed at every assembly was appointed by the eastern church in 521. In the western churches the general and constant reading of the creed does not seem to have prevailed till about 590, when the third council of Toledo enjoined that the creed should be repeated with a loud voice every Lord's day.

ATHANASIAN CREED has been falsely attributed to Athanasius, bishop of Alexandria, who died in 373. The

learned Dr. Cave says, that it never was cited till about the year 800, above 400 years after the death of Athanasius, and that it was not received in the church till so late as about the year 1000.

NICENE CREED was composed and established as a proper summary of the christian faith by the council of Nice, in 325, against the Arians. This is also called the Constantinopolitan creed, because it was confirmed, with some few alterations, by the council of Constantinople in 381. The rest of this creed, after "Holy Ghost," was added at the council of Constantinople, except the words, "and the Son," which follow the words, "who proceedeth from the Father," and they were inserted 447. The insertion of the words, "and the Son," was made by the Spanish bishops; and they were soon after adopted by the christians in France. The bishops of Rome for some time refused to admit these words into the creed; but at last, in the year 883, when Nicholas I. was pope, they were allowed, and from that time they have stood in the Nicene creed in all the western churches; but the Greek church has never received them. These three creeds are enjoined by the eighth article of the church of England.

CREMA, in Hungary, destroyed by an earthquake, 1802.

CREMENTZ, in Hungary, totally destroyed by a fire, 1777.

CRÉMONA, a city of the Lombardo-Venetian territory, was a Roman colony A.C. 291. It was for some centuries part of the Venetian republic. In 1702, Villeroi, the French general, was surprised here, and made prisoner, by Prince Eugene and the Imperialists. Napoleon made it the capital of the department of Alto-Po.

CRESCENT, order of knighthood, began at Naples, 1448.

CRESSY, or more properly, Crecy, a town of France, in the department of the Somme, 36 miles north west of Amiens, famous for the battle which was fought here in 1346, between Philippe de Valois, king of France, and Edward, king of England. Edward encamped at Cressy August 24, and the day afterwards, at four o'clock, the battle began. The French army consisted of above 100,000 men. The king of Bohemia was slain, and his standard, on which was embroidered in gold three ostrich feathers, with these words, "Ich Dien," that is, "I

serve," was taken, and brought to the prince of Wales, who, in memory of that day, bore three ostrich feathers in his coronet, with the same motto, which is still continued by all princes of Wales. The English in this battle gained a complete victory, and Edward the Black Prince immortal honour. France lost in this battle besides the king of Bohemia, the earl of Alençon, the duke of Lorraine, the earl of Flanders, the earl of Blois, 11 princes, eight bannerets, 1,200 knights, upwards of 80 standards, and above 30,000 common soldiers.

CRETE. See CANDIA.

CREVIER, author of "The History of the Roman Emperors," born at Paris, 1693, died 1765.

CRICHTON, JAMES, who, for his extraordinary endowments both of person and mind, obtained the appellation of the "Admirable Crichton," was born about 1551, according to others, 1560. He had scarcely arrived at the 20th year of his age, when he had made himself master of the sciences, and could speak and write ten different languages. He had likewise attained a great skill in riding, dancing, singing, and playing on all musical instruments.

Thus accomplished, he set out upon his travels, and first paid a visit to Paris, where he greatly distinguished himself. After this, at Rome, he exhibited himself with equal success and applause before the pope, and the most eminent literary characters in that city. From Rome Crichton went to Venice, where he contracted an intimate friendship with Aldus Manutius, and other learned persons, to whom he presented several poems in commendation of the city and university. At Mantua he fought with a gladiator, who had foiled the most celebrated fencers of Europe, and had lately killed three antagonists in the city of Mantua. The skill and coolness of Crichton overcame the eager impetuosity of his antagonist, who, after being thrust through three times, expired.

The following account is given of Crichton's death. One night as he was walking along the streets of Mantua, and playing upon his guitar, he was attacked by several persons in masks. The assailants were not able to maintain their ground against him, till at length the leader of the company being disarmed, pulled off his mask, and begged his life, telling him he was the prince his pupil. Crichton

immediately fell upon his knees, and expressed concern for his mistake. Then taking his own sword by the point, he presented it to the prince, who received it, and brutally ran Crichton through the heart, in June, 1583. Though certainly an extraordinary man, and an accomplished scholar, Crichton cannot be ranked among those who have enriched science by the efforts of their genius, or added to the comfort and happiness of mankind.

CRICKEITH CASTLE, Caernarvonshire, built, 1206.

CRIDA, founded the Saxon kingdom of Mercia, 582.

CRIMEA, OR CRIM TARTARY, anciently Chersonesus Taurica. This peninsula has been known more than 3000 years since the first naval expedition of the Argonauts. The Greeks were driven out by the Sarmatians; and these by the Alani and Goths. The Hungarians, the Cossacks, and Tartars, succeeded in their turn; while the Genoese, in the 12th century, held a temporary and precarious possession of the seaports, which they were obliged to yield to the Turks in 1475. At the peace of 1774, the Tartars of the Crimea were declared independent; and, in 1783, this peninsula was united to the Russian empire, and now forms part of the government of Taurida.

CRIMINAL LAW. The multiplicity, perplexity, and sanguinary nature, of the penal statutes, have, for a long time, become the subjects of general and growing dissatisfaction. The first extant statute appears to have been passed in the reign of Edward III., and was directed against bringing false money into the realm. Three other statutes were passed in the same year, one relating to a similar offence, the others to acts of high treason. The next bears the date of the reign of Henry VII. Three were passed in the reign of Henry VIII.

In the reign of Edward VI., horse-stealing, robbing in a booth, or in a dwelling-house, and being accessory before the fact, were first rendered punishable with death. In the sanguinary reign of his successor, four new penal laws were added to the statute book. In the reign of Elizabeth further penal laws were enacted for the protection of the coinage; rape and burglary were also made capital, as well as being accessory to those and some other capital

offences. During the 17th century, up to the accession of William and Mary, eight more offences were added to the list of capital crimes. During that reign, 18 penal laws were passed, 10 in the reign of Queen Anne, 32 in that of George I., 51 in that of George II., and up to the year 1806, 72 had been added within the reign of George III.; 165 offences, therefore, have been rendered capital by statute since the commencement of the last century.

But late years appear to have occasioned a manifest improvement in the character of legislative proceedings. Sir Samuel Romilly brought in a series of bills, the object of which was to mitigate, in certain specified cases, the severity of the penal law. His first bill, which afterwards passed into a law (48 Geo. III. c. 129,) was for repealing so much of the statute of the 8th of Elizabeth as takes away the benefit of clergy from persons stealing privily from the person. This was followed by others. Sir James Macintosh, in 1819, moved for "a select committee to consider of so much of the criminal laws as relates to capital punishments for felonies."

Hitherto the efforts of our statesmen and lawyers had usually gone to the remodelling of the criminal code altogether, and therefore had generally failed. But Mr. (now Sir Robert) Peel, preferred the plan of remedying these by simple and practical corrections. His repealing act 7 and 8 Geo. IV. c. 27, annihilates not less than 138 statutes many of great length and much obscurity. The parts repealed contained 623 sections and about 8472 lines; while the substance has been condensed into four acts: viz., that for further improving the administration of justice, that for consolidating and amending the laws for larceny, that for consolidating and amending the laws relative to malicious injuries to property, and that for consolidating and amending the laws relative to remedies against the hundred.

These new laws put all together contain only 152 sections, instead of 623 sections repealed. Mr. Peel's first act, of 1826, (7 Geo. IV. c. 64,) for the improvement of the administration of justice in criminal cases, repeals 31 statutes, scattered through the statute book, from 3 Edw. I. to 6 Geo. IV. which contained 98 sections, and about 1490 lines—while the new act is comprised in

32 sections and 447 lines. The jury law of 1825, (6 Geo. IV. c. 50,) which is comprised in 64 sections and 1130 lines, repeals and consolidates the provisions of 26 former acts, extending from 43 Henry III. to 5 Geo. IV.—42 of them being passed previous to the reign of Elizabeth.

Several acts of an ameliorating nature were passed from 1832, to 1835. But it is during the reign of her present majesty that the most extensive and beneficial alterations have been effected. The following are the most important:

1 Victoria, c. 84.—July 17, 1837, reciting various acts; viz. 1 Will. IV. c. 66; 2 and 3 Will. IV. c. 59; 2 and 3 Will. IV. c. 123; 2 and 3 Will. IV. c. 125; and 5 and 6 Will. IV. c. 45. &c., by which the forging of the different instruments, &c., therein specified was made punishable by death, enacts that persons convicted of any such offences, shall be liable to be transported for life, or for not less than seven years, or to be imprisoned for not exceeding four years, nor less than two years. See **FORGERY**.

1 Victoria, c. 85—July 17, 1837, reciting that it is expedient to amend so much of 9 Geo. IV. c. 31, and 10 Geo. IV. c. 34, as relates to any person who shall unlawfully and maliciously administer or attempt to administer to any person, any poison, &c., or to drown, suffocate, or strangle, any person, &c., repeals such provisions after Sept. 30, 1837, and enacts the following punishments. For administering poison or doing other bodily injury with intent to commit murder shall be felony, and death. For offences with intent to commit murder, though no bodily injury shall be done, transportation for life. Cutting and maiming with intent to disfigure, transportation for life, or for not less than 15 years, or imprisonment not exceeding three years, &c.

1 Victoria, c. 86 — July 17, 1837, amends so much of 7 and 8 Geo. IV. as relates to the punishment of any person convicted of burglary, &c., and enacts that burglars using violence shall suffer death. Punishment of burglary, transportation for life, or for not less than 10 years, or imprisonment for not exceeding three years. See **BURGLARY**.

1 Victoria, c. 87, July 17, 1837, relates to robbery, &c. from the person. 1 Victoria, c. 88, July 17, 1837, to piracy. 1 Victoria, c. 89, July 17, 1837,

to arson, &c. 1 Victoria, c. 90, July 17, 1837, also abolishes the punishment of death in certain other cases. See certain cases. 1 Victoria, c. 91, July the article, CAPITAL PUNISHMENTS.

In the following table a comparison is made of the capital sentences and executions in each year, commencing the three last decennial periods:—

OFFENCES.	1818		1828		1838	
	Sentenced to death.	Executed.	Sentenced to death.	Executed.	Sentenced to death.	Executed.
Arson	7	3	2	„	1	„
Burglary	346	17	171	3	30	„
Cattle stealing	27	1	28	„	„	„
Coining	„	„	6	2	„	„
Feloniously uttering counterfeit coin....	3	„	4	„	„	„
Forgery	86	24	42	4	„	„
Horse stealing	130	1	135	6	„	„
Housebreaking.....	150	2	353	11	„	„
Larceny in'dwelling-houses, to value of 40s.	142	4	69	1	„	„
Larceny privately in shops, to value of 5s.	41	„	„	„	„	„
Larceny on navigable rivers, to value of 40s.	2	2	„	„	„	„
Larceny of naval stores, to value of 20s.	4	„	„	„	„	„
Letter-stealing by servants of the Post-office	„	„	1	„	„	„
Murder	13	13	20	18	25	5
Shooting, stabbing, &c., to murder or maim	6	1	20	5	14	1
Rape, and carnally abusing infants	2	1	5	3	7	„
Riot and felony	„	„	2	„	1	„
Robbery	107	13	158	5	35	„
Sacrilege	7	„	7	„	„	„
Sheep stealing	177	14	122	1	„	„
Sodomy	1	1	21	„	3	„
Smugglers, feloniously armed to resist ..	„	„	11	„	„	„
Transports, being at large under sentence	3	„	7	„	„	„
Total	1,254	97	1,165	59	116	6

In the first of the above periods, in 1818, the criminal proceedings are shown at the time of the greatest severity of the criminal code. In the next period, 1828, the criminal procedure is shown after the passing of Mr. Peel's acts before mentioned. In 1838 the results produced by the abolition of capital punishments in the years 1832, 1833, 1834, 1835, and by the important changes effected by the acts of the 1st Victoria, just stated, are shown.

The acts of the 1st Vic. have, also both directly and indirectly, caused a great reduction in the severity of the secondary punishments. Of 13 offences subject to transportation for life, for six of which that punishment was a fixed term, the period has been reduced to a term of transportation not exceeding 15 years at a maximum, or to imprisonment for any term.

CRIMINALS, REMARKABLE. 1594.

John Chastel, attempted to kill Henry IV., of France, December 27. He was executed two days afterwards.

1605. Gunpowder plot conspirators, executed at the west corner of St. Paul's church-yard. See GUNPOWDER PLOT.

1671. Colonel Blood attempted to steal the crown from the Tower, May. He died 1680, and lies buried in the chapel at Tothill Fields.

1733. Sarah Malcolm, whose memory has been perpetuated by Hogarth, executed for the murder of three women. The ordinary who attended her sold her confession for £20. She lies buried in St. Sepulchre's church-yard.

1752. Mary Blandy, hanged at Oxford for poisoning her father, at the instigation of her lover, Cranstoun.

1757. Damiens attempted to assassi-



Cromwell dissolving the Long Parliament.

Charles I.st demands the Five Members.

Battle of Marston

The King delivered up by the Scots.

Execution of Charles I.st

nate Louis XV., king of France, and was executed March 29.

1759. Eugene Aram executed August 6, for the murder of Daniel Clarke, which crime was concealed 14 years.

1760 Lord Ferrers executed at Tyburn for the murder of his steward.

1767. Mrs. Elizabeth Brownrigg executed for the murder of one of her apprentices. Her skeleton is preserved in a glass case at Surgeons' Hall.

1772. Counts Struensee and Brandt, the minister and favourite of the king of Denmark, executed on the accusation that the former had had an intrigue with the queen of Denmark.

1777. Rev. Dr. William Dodd executed at Tyburn for forgery. In 1773 he was the prosecutor of a highwayman, who suffered on the same spot on which Dr. Dodd expiated his crime four years afterwards.

1779. Rev. Mr. Hackman executed at Tyburn for the murder of Miss Ray, whom he shot through the head under Covent-garden Piazzas. He was tried, and suffered within a week after the murder.

1783. Ryland, the engraver, executed at Tyburn for forgery. He was apprehended from having sent a pair of boots to be mended, inside of which was written his name.

1802. J. Wall, governor of Goree, for the murder of Sergeant Armstrong.

1803. Colonel Edward Marcus Despard, executed in the Borough for high treason. He lies buried in the cemetery belonging to St. Faith, in St. Paul's church-yard.

1811. Hon. Arthur Hodge, in Tortola, for the murder of his slave.

1812. John Bellingham, executed for the murder of Mr. Perceval, chancellor of the exchequer, May 18.

1817. John Cashman, a sailor, one of the Spafields rioters, executed for stealing fire-arms from the shop of Mr. Beckwith, March 12.

1824. Henry Fauntleroy, executed for forgery, Nov. 30.

1831. Bishop and Williams, for the murder of the Italian boy, and other persons, for the purpose of disposing of their bodies to the surgeons, executed Dec. 5.

1836. Fieschi, Pepin, and Morey, executed in February, for attempting to assassinate the king of the French, July 28, 1835.

1836. Alibaud beheaded, July 11, for

attempting the life of the French king June 25.

1840. Edward Oxford, for shooting at the Queen and Prince Albert, June 10. Confined during her majesty's pleasure, on the ground of insanity, July.

CRIMP-HOUSES, in London, destroyed by the mob, Sept. 1794-5.

CRIPPLEGATE, London, pulled down and sold for £91., July, 1760.

CRISPUS, son of Constantine the Great, poisoned by order of his father, under a false accusation of his mother-in-law, 326.

CROCKERY first manufactured, A. C. 1309.

CRÆSUS, king of Lydia, flourished A. C. 562.

CROFT, WILLIAM, musician, born 1677, died 1727, aged 70.

CROIX, SAINT, a Swedish island in the West Indies, taken by the English, March 31, 1801.

CROMWELL, THOMAS, earl of Essex, was the son of a blacksmith at Putney, born 1490. In 1510, he visited Rome. On his return he was patronised by Cardinal Wolsey, and assisted him in founding the two colleges of Christchurch, Oxford, and Ipswich, and in procuring, in 1525, the suppression of some monasteries for their endowment. He became, by degrees, the favourite and afterwards prime minister of Henry VIII., who rewarded his services by many honourable offices, and at length gave him a seat in the house of peers, with the title of Lord Cromwell, of Okeham. He was appointed chief justice itinerant of the forests beyond Trent, and in 1539 was advanced to the dignity of earl of Essex, and lord high chamberlain of England. He advised the king to marry Anne, of Cleves, whose friends were Lutherans. Henry took a dislike to this lady, and determined to be revenged on Cromwell. He was accordingly arrested on the charge of high treason, condemned without any opportunity of defending himself, and was beheaded on Tower Hill, July 28, 1540.

CROMWELL, OLIVER, Protector of England, was born in the parish of St. John, Huntingdon, on April 25 or 26, 1599, and educated at a free-school in that town. From this school he was removed to Sidney College, Cambridge, where he was admitted in 1616. His father died when he had been two years at college, and Cromwell was called home;

but the irregularity of his life so much grieved his mother, that, by the advice of some friends, she sent him to London, and placed him in Lincoln's Inn. He was elected a member of the third parliament of Charles I., which met on Jan. 10, 1628, and was a member of the committee for considering matters of religion, where he distinguished himself by his zeal against popery.

1638. Cromwell first came into public notice through the recommendation of his friend and relation Mr. Hampden. He was elected member of the Long Parliament, for Cambridge, in the year 1640. In 1642, he raised a troop of horse, of which he took the command by a commission from the earl of Essex. In 1643-4, made lieutenant-general of the horse in the army of the duke of Manchester, and in the battle of Marston-moor, July 3, 1644, his cavalry turned the fortune of the day, and gave the first severe blow to the royal party. On June 15, 1645, he distinguished himself by the most brilliant exploits in the battle of Naseby. He went out in 1649, in quality of lord lieutenant of Ireland, with ample powers. He reduced Ireland to obedience, and returned to London in the following spring. Went to Scotland in 1658, where the battle of Dunbar, fought Sept. 3, terminated in a complete victory over the Scots, with great slaughter. Cromwell followed the king to England, and at Worcester on Sept. 3, 1651, he obtained over the royal army what he denominated his "crowning victory," attended with the total destruction of his opponents.

The Long Parliament had become exceedingly unpopular in the country. Cromwell took advantage of the odium which attached to them, and resolved on their dissolution. Having prepared the way, on April 19, 1653, he called a council of officers, took a party of 300 soldiers, whom he placed about the avenues to the parliament-house, and entered himself as a spectator of their proceedings. After some altercation, "Come, come," said he, "I will put an end to your prating. You are no longer a parliament; I say, you are not a parliament." To conclude the scene, he seized the books and papers, turned the members out of the house, and locked the doors.

He was made Protector of the Commonwealth of England, Scotland, and Ireland,

Dec. 16, 1653, and he was solemnly invested with the trust in Westminster-hall. He applied himself to state affairs made peace with Holland, and entered into treaties with Denmark, Sweden, and Portugal. France and Spain appeared ambitious of his friendship, and the general state of Europe was such as to give to England a large share of consequence among surrounding nations.

1656. Cromwell had recourse to another parliament in order to obtain the necessary pecuniary supplies. Conspiracies were discovered, and many suffered. From this time the health of the Protector began visibly to decline; the cares and the fears, connected with his greatness, were doomed to bring him to a speedy end. A slow fever terminated his existence, Sept. 3, 1658. See BRITAIN.

"Oliver Cromwell," says Mr. Granger, "united in a very high degree, the characters of the politician and general; and occasionally assumed those of the buffoon, and the preacher. He broke from his obscurity, at an age when others think themselves doomed to it for ever; and when many begin to entertain thoughts of retiring from the world, he began to take the most conspicuous part in it. He availed himself of the virtues and vices, the talents and weaknesses of mankind; and such obstacles as would have been insurmountable to an inferior genius, helped greatly to carry him on in his career. He has been regarded by foreigners, and of late, by many of his countrymen, as the greatest man this nation ever produced. It has been disputed which he most deserved, a halter or a crown; and there is no less disparity betwixt the characters drawn of him, and the reports propagated by his enemies and his friends."

CROMWELL, RICHARD, eldest son of the protector, was born at Huntingdon, in 1626. Proclaimed protector, Sept. 1658; resigned, May, 1659; died, 1712.

CROMWELL, MRS. S., great-great-granddaughter of the protector, Oliver Cromwell, and last of the name, died at Cheshunt, Feb. 28, 1834, aged 90 years.

CRONSTADT, near St. Petersburg, founded by Peter the Great, of Russia, 1704; considerably injured by fire 1741.

CROSS STREET HOSPITAL, Winchester, built, 1132.

CROSS, the sign of, first used by christians, 110.

CROSSES, first set upon steeples and spires, 568.

CROWE, WILLIAM, author of the "Treatise on English Versification," and public orator of the university of Oxford; born in 1766, died Feb. 9, 1829, aged 83.

CROWN, the first Roman that wore one was Tarquin, A.C. 616.

CROWN OF ENGLAND, SUCCESSION OF THE. Egbert was sole monarch of England, 827. From Egbert the crown descended regularly, and with very little deviation. In the three succeeding reigns, it was suspended by force, till the Saxon line was restored in Edward the Confessor, who, indeed, was not the next heir; because Edmund II. had a son living, Edward, an outlaw, in Hungary. On Edward the Confessor's decease, Harold II. usurped the throne, though the right remained in Edgar Atheling, son of Edward, the outlaw, and grandson of Edmund II.

At this time, William I., duke of Normandy, claimed a right from a grant of Edward the Confessor, and by conquest transferred the crown to a new family. From him it descended to his second and third sons, William II., and Henry I., his eldest son, Robert, being kept out of possession by his brothers. Henry I. was succeeded by Stephen, grandson of William I., by his daughter Adelicia; his eldest brother, Theobald, waving his claim; and Maud, the daughter of Henry I., and grandson of Edward the outlaw, to whom the succession belonged, being excluded by force. However, her son, Henry II., as heir of William I., succeeded Stephen; though the proper heirs in the Saxon line were sons of Malcolm, king of Scotland, by Margaret, the daughter of Edward the outlaw. But Henry I. having married the daughter of Edgar Atheling, by whom he had Maud, and her son, Henry II., coming to the crown, in some measure restored the Saxon line.

From Henry II., the crown descended to his eldest son then living, Richard I., on whose death it was seized by his brother, John, Henry's youngest son, in exclusion of his nephew, Arthur. On the death of Arthur, and his sister, Eleanor, without issue, the crown properly descended to Henry III., in an hereditary line of six generations, to Richard II., and this right of succession was declared in parliament, by 25 Edwd. III. Rich-

ard II. resigned the crown, and the right resulted to the issue of his grandfather, Edward III., and should have fallen on the posterity of Lionel, duke of Clarence, the first son of Edward III.; but Henry, duke of Lancaster, descended from the third son of Edward III., usurped it under the title of Henry IV., pretending to be the next heir. Parliament (7 Hen. IV.) settled it on him and his heirs. Henry IV. was regularly succeeded by his son, and grandson, Henry V. and VI. Under Henry VI. the house of York, descended from Lionel, duke of Clarence, by the mother's side, began to claim their dormant right, and established it in Edward IV. by parliament. This king was succeeded by his eldest son, Edward V., who was deposed and succeeded by his unnatural uncle, Richard III., his father's brother, on a pretence of bastardy.

During this reign, Henry VII., earl of Richmond, and descendant of the house of Lancaster, assumed the throne; and his possession was established by parliament, 1485. By his marrying Elizabeth of York, Edward IV.'s daughter, the undoubted heiress of William the Conqueror, the families of York and Lancaster were united in Henry VIII., her eldest son, who transmitted the crown in succession to his three children, confirmed by parliament, 25 Henry VIII. c. 12. This statute was repealed by 28 Henry VIII. c. 7, by which, after the king's divorce from Anne Boleyn, Mary and Elizabeth were bastardized. They were again legitimated, and the succession was restored by 35 Henry VIII. c. 1.

Parliament now asserted its right of directing the succession by 13 Elizabeth, c. 1. On the death of Elizabeth, succeeded James VI. of Scotland, our James I., (the lineal descendant of Margaret, daughter of Henry VII., and his wife, Elizabeth of York, the wife of James IV. of Scotland,) and in him were united, not only the principal competitors since the conquest, but likewise the right of the Saxon monarchs, he being the direct lineal descendant of Malcolm, who married Margaret, daughter of Edmund II. From James I., the crown descended to his second son, Charles I., his eldest son, Arthur, being dead.

After him, the succession was interrupted by the usurpation of Oliver Cromwell, and his son Richard, but re-

stored in 1660, in Charles II., eldest son of Charles I. He dying without legitimate issue, it passed to his brother James II., whom parliament excluded, and called in William of Orange, and his wife, Mary, the eldest daughter of James II., 1668, to the exclusion of her father and her brother.

On the death of William III., Anne, second daughter of James II., reigned, and she leaving no issue, the crown descended, as settled by parliament, 12 and 13 William III., on the princess Sophia of Hanover, the youngest daughter of Elizabeth, queen of Bohemia, who was the daughter of James I., and her heirs, being protestants. She dying before Queen Anne, her son, George I., succeeded, in which family the crown has regularly descended to the present time. See BRITAIN.

CROWN-LANDS, in England, valued at £120,626 14s. 1d. per annum, the leases of which were between three and 31 years unexpired, ordered by parliament to be sold, 1786.

CROWN-POINT, United States, taken by the English, 1759; by the provincials, May 14, 1775.

CROWN-ROYAL, order of knighthood, instituted in France, 802.

CROXTON-ABBEY, Staffordshire, built, 1180.

CROYLAND-ABBEY, Lincolnshire, built, 718; destroyed by the Danes, 867; rebuilt, 945; destroyed by fire, 1091; again built, 1112, about 30 years after which it was again burnt down, and finally rebuilt, 1170.

CROYLAND, the monk of, murdered at Peterborough, 863.

CRUCIFIXES, painted, in churches, and chambers, first introduced, 461.

CRUDEN, ALEXANDER, the author of a concordance, generally allowed to be the best in the English language, was born at Aberdeen, in May, 1701. In 1732, he settled in London, partly as a bookseller, and partly as a corrector of the press. About two years afterwards, he was appointed the queen's bookseller. In 1733, he began to compile his "Concordance of the Holy Scriptures." The first edition was published in 1737, and dedicated to Queen Caroline. The author's affairs were now embarrassed; he had none to look to for assistance; and in a fit of despondency, he gave up his trade, and became a prey to melancholy. Shortly after this, he assumed

the title of "Alexander the Corrector," maintained that he was divinely commissioned to reform the manners of the age, and restore the due observance of the sabbath. In 1770, he took lodgings at Islington, where he died November 1.

CRUSADES, or CROISADES, a name given to the expeditions of the christians to deliver Judea from the power of the Saracens. In 1065, the Turks took Jerusalem from the Saracens, and the pilgrims found they could no longer perform their devotions with safety. Peter, the hermit, having made the pilgrimage to Jerusalem, returned in 1093; deeply affected with the dangers to which the pilgrims were exposed, he formed the bold design of leading into Asia, armies sufficient to subdue those potent and warlike nations which at that time held the Holy Land in slavery.

The first crusade, consisting of 800,000 men, in separate bodies, and under different commanders, set out for Constantinople, in 1096. The first successful enterprise was the siege of Nice, the capital of Bithynia, which was taken in 1097. The conquest of Jerusalem, which, after a siege of five weeks, submitted to their arms, in 1099, seemed to crown the expedition of the crusaders with success. The famous Godfrey was saluted king of Jerusalem with an unanimous voice.

The second crusade, undertaken in 1144, at the request of the christians at Jerusalem, was unsuccessful. It was headed by the emperor Conrad III., and Louis VII., king of France; but Saladin, who had raised himself to the sovereignty of Persia, Arabia, Syria, and Egypt, turned his attention to the conquest of Judea, and in 1187, took the city of Jerusalem.

The third crusade was undertaken in 1189, by Frederic I., surnamed Barbarossa, emperor of Germany, whose example was followed, 1190, by Philip Augustus, king of France, and Richard Cœur-de-lion, king of England. These two monarchs arrived in Palestine in the year 1191, and succeeded in their first encounters with the infidels. Richard at length, deserted by the French and Italians, concluded, 1192, with Saladin, a truce of three years, three months, and three days, and soon evacuated Palestine with his whole army.

The fourth crusade was undertaken in the year 1195. In this expedition the christians gained several battles

against the infidels, and took a great many towns.

The fifth crusade was proclaimed by order of Pope Innocent III., in 1198. A certain number of French nobles entered into an alliance with the republic of Venice, and set sail for the east, but instead of steering their course towards Palestine, sailed directly for Constantinople, which they took by storm, in 1203. It was several years after this that the Grecian emperor, Michael Palæologus, became master of Constantinople, and forced the Latin emperor, Baldwin II., to abandon the city.

The sixth crusade began in 1228; in which the christians took the town of Damietta, but were forced to surrender it again. About 1240, Richard, earl of Cornwall, brother to Henry III., king of England, arrived in Palestine, at the head of the English crusaders, but being too late to accomplish any thing but the conclusion of a peace, he re-embarked and steered towards Italy.

The seventh crusade was headed by Louis IX. of France, in 1249, who took the town of Damietta, but the plague breaking out in the army, the king endeavoured to retreat; in which being pursued by the infidels, most of the army were slain, and himself and the nobility taken prisoners.

The eighth crusade, in 1270, was headed by the same prince, who made himself master of the port and castle of Carthage in Africa; but this first success was soon followed by a fatal change in his affairs. The monarch was carried off by a pestilential disease, on August 25. Louis was the last of the European princes that embarked in the holy war; the dangers and difficulties, the calamities and disorders, and the enormous expenses that accompanied each crusade, disgusted the most jealous, and discouraged the most intrepid promoters of these fanatical expeditions.

CTESIAs, the Greek philosopher and historian, flourished A.C. 398.

CTESIBIUS, of Alexandria, the mathematician, flourished A.C. 186.

CTESIBIUS, the historian, flourished A.C. 256. He died aged 104.

CUBA, island in the West Indies, discovered in 1492, by Columbus, and subdued in 1511, by Don Diego Velasquez, who took the native chief prisoner. In 1762, the island was taken by the English, but restored in 1763 to the Spani-

ards in exchange for the Floridas, and has remained ever since in their possession. Cuba was damaged by an earthquake and violent rain, June 21, 1791, when 3000 persons perished, and 11,700 cattle of various kinds, amongst them 3700 horses.

CUBIC EQUATIONS, solution of, discovered by Leonardus Pisanus; in 1202. Improved by Scipio Ferreus, professor of mathematics at Bononia, about the year 1505. First published by Cardan, in the 10th book of his Algebra, printed at Milan in 1545.

CUDDALORE, a town of Hindoostan. The site of this town was purchased by the East India Company in 1686, and became, by degrees, a fortified place. It was taken by the French in 1758, but restored to the British at the peace. Reduced by the French in 1781; and in 1783 was retaken by the British, after a very severe contest.

CUDWORTH, REV. RALPH, metaphysical writer, born 1617, died 1688.

CUJACIUS, JAMES, jurist, born 1520, died 1590.

CUJAS, JAMES, French writer, born 1520, died 1590.

CULDEE, a term applied to the monks and priests of Scotland and Ireland, in the early ages of christianity. They were remarkable for the religious exercises of preaching and praying, and were called, by way of eminence, *Cultores Dei*; from whence is derived the word Culdees. The overthrow of the Culdean worship was finally effected by Pope Adrian, 1155, when he claimed the sovereignty of these islands.

CULLEN, DR. WILLIAM, an eminent Scotch physician, born in Lanarkshire, Scotland, Dec. 11, 1712. After serving an apprenticeship to a surgeon apothecary in Glasgow, he went several voyages to the West Indies as a surgeon, in a trading vessel from London. In 1746, having taken the degree of doctor of medicine, he was appointed a lecturer in chemistry at the university of Glasgow; and in October began his lectures in that science. In 1751, he was appointed professor of medicine in the university of Glasgow; professor of chemistry at the university of Edinburgh, in 1756; and professor of medicine at Edinburgh in 1765. He died February 5, 1790, aged 77.

According to the observation of one who was well acquainted with the character of Cullen, he was eminently dis-

tinguished as a professor for three things. "The energy of his mind, by which he viewed every subject with ardour, and combined it immediately with the whole of his knowledge; the scientific arrangement which he gave to his subject; and the wonderful art of interesting the students in every thing which he taught, and of raising an emulative enthusiasm among them."

CULLERNE, Wiltshire, six miles from Bath, burnt, and 32 families reduced to destruction, April 1, 1774.

CULLODEN, BATTLE OF, fought April 16, 1746, in which the duke of Cumberland obtained a complete victory over the rebels. They lost 2,000 men on the field and in the pursuit; the royal forces captured 222 French, and 326 rebels prisoners. All their artillery and ammunition were captured, together with the Pretender's baggage; there were also 12 stands of colours taken. The battle did not last half an hour, during which time no quarter was given on either side, so that the conflict was most bloody. The greatest part of the rebel chiefs were killed or captured, and the young Pretender was wounded, who fled by Inverness, being pursued by the light horse.

CULROSS FOREST took fire accidentally, July 25, 1803.

CULVERINS first made in England, 1534.

CUMBERLAND, RICHARD, English dramatic writer born February 19, 1732, died May 7, 1811.

CUMBERLAND, DUKE OF, now king of Hanover, attempt to assassinate him, May, 1810; married the dowager princess of Salm, 1814, at New Strelitz, and Aug. 29, 1815 re-married at Carlton House; motion for settling £6,000 per annum additional on both duke and duchess negatived in the House of Commons by a majority of one, July 3, 1815. His conduct in connection with Orange lodges, brought before the House of Commons by Mr. Hume, 1835.

1837. The duke of Cumberland, by the death of his brother, and the accession of Queen Victoria, having become king of Hanover, made a solemn entry into his kingdom. The crowns of the United Kingdom and Hanover had become separated by the accession of Queen Victoria, through the operation of the Salique Law, by which females do not succeed in the Hanoverian kingdom. June 5. A proclamation of this date

was issued by the king of Hanover informing his subjects that he intended to abrogate the constitution granted by his brother, William IV., in 1833.

CUMOONA, in the East Indies, surrendered to the British forces, Nov. 21, 1807.

CUNNINGHAM, JOHN, the poet, born 1729, died 1773.

CUNNINGHAM, ALAN, the colonial botanist, than whom few men of his time have done more for botany and geography, died 1839.

CUP, SACRAMENTAL, restored to the laity, 1547.

CURACOA, seized by Holland, 1634; taken by the English, September 14, 1800; and January 1, 1807; restored at the general peace, 1814.

CURATES, STIPENDIARY, law for the better support and maintenance of, 1813.

CURFEW-BELL, established by William the Conqueror, 1068, abolished, 1103.

CURRAN, JOHN, the Irish orator, born 1750, died 1817.

CURRIE, DR. JAMES, a celebrated physician, born at Kirkpatrick Fleming, Dumfriesshire, Scotland, in 1756. He left his native country in 1771, and during his voyage suffered many hardships. Settled at Liverpool in October, 1780, and by his superior talents and persevering exertions, succeeded in securing an extensive practice. In 1790, he was admitted a member of the London Medical Society; and about two years afterwards a fellowship of the Royal Society was conferred on him. In October, 1797. Dr. Currie sent forth a work entitled "Medical Report on the Effects of Water, cold and warm, as a Remedy in Fever and Febrile Diseases," &c.; to which he chiefly owes his great celebrity in the medical world. But he obtained the highest general reputation by publishing, in 1800, the works of his countryman, Robert Burns, with an account of his life, and criticisms on his writings. Early in 1804, Dr. Currie's health began to decline. He died August 31, 1805, in the 50th year of his age.

CURRIERS' COMPANY, London, incorporated, 1605.

CURTIS, WILLIAM, naturalist, born 1746, at Alton, Hants. In March, 1786, he began the "Botanical Magazine," which has been regularly published monthly; this work, his "Flora Londinensis," and his "Lectures on Botany," excited a spirit of inquiry into botanical

science, which has continued to spread with still increasing energy. He died July 7, 1799.

CURTIUS, M. rode into a gulf at Rome, A.C. 362.

CURTIUS, QUINTUS, author of "History of Alexander," flourished A.C. 64.

CUSTOM HOUSE, Lower Thames-street, London, first built 1559; burnt down and rebuilt, 1718; burnt down again February 12, 1814; rebuilt and opened for business, May 12, 1817. Long room of, fell in January 26, 1826. Foundation gave way, February, 1825; opened for the first time after repairs, March 3, 1828.

1833. February 14, a valuable collection of diamonds was stolen from Hall's bonded warehouse, Custom-house Quay. They had formerly been the property of a distinguished Spanish countess, who, after the death of King Ferdinand, and when a civil war was threatened by the partisans of Don Carlos, sent them to this country for their better security; they were valued at £6,000. December 1, by the most singular accident, a portion of the diamonds was discovered in such a manner as to leave no doubt whatever that they had been in the possession of William Jourdan, who, with his accomplices was brought to trial March, 1836, and convicted.

CUSTOM HOUSE, at Dublin, abandoned by the commissioners of excise and customs, the boards being dissolved, and all the revenue business (as also that of Scotland) being transferred to the board in London. January 6, 1830.

CUSTOMS, or DUTIES, charged upon commodities on their being imported into, or exported from a country, seem to have existed from time immemorial in every commercial country. The Athenians laid a tax of a fifth on the corn and other merchandise imported from foreign countries, and also on several of the commodities exported from Attica. The portaria, or customs payable on the commodities imported into, and exported from, the different ports in the Roman empire, formed a very ancient and important part of the public revenue. Under the imperial government, the amount of the portaria depended as much on the caprice of the prince, as on the real exigencies of the state. Though sometimes diminished, they were never entirely remitted, and were much more frequently increased. Under the By-

zantine emperors, they were as high as 12½ per cent.

Customs existed in England before the conquest; but the king's claim to them was first established by stat. 3 Ewd. I., 1274. These duties were, at first, principally laid on wool, woolfels, (sheep skins) and leather, then exported. The duties of tonnage and poundage, of which mention is so frequently made in English history, were custom duties; the first being paid on wine by the tun, and the latter being an *ad valorem* duty of so much a pound on all other merchandise. The various custom duties were collected, for the first time, in a book of rates published in the reign of Charles II.; a new book of rates being again published in the reign of George I. But exclusive of the duties entered in these two books, many more had been imposed at different times; so that the accumulation of the duties, and the complicated regulations to which they gave rise, were productive of the greatest embarrassment.

1787. The Customs Consolidation Act, introduced by Mr. Pitt, did much to remedy these inconveniences. The method adopted was, to abolish the existing duties on all articles, and to substitute in their stead one single duty on each article, equivalent to the aggregate of the various duties by which it had previously been loaded. The resolutions on which the act was founded amounted to about 3,000

REVENUE DERIVED FROM THE CUSTOM DUTIES. In 1590, in the reign of Elizabeth, it amounted to no more than £50,000. In 1613, it had increased to £148,075; of which no less than £109,572 were collected in London. In 1660, at the restoration, the customs produced £421,582; and and at the revolution, in 1688, they produced £781,987. During the reigns of William III., and Anne, the customs revenue was considerably augmented, the nett payments of the exchequer, in 1712, being £1,315,423. During the war, terminated by the peace of Paris in 1763, the nett produce of the customs revenue of Great Britain amounted to nearly £2,000,000. In 1792, it amounted to £4,407,000. In 1815, at the close of the war, it amounted to £11,360,000; and in 1832, it amounted to about £17,000,000, and, including Ireland, to about £18,500,000.

Amount of Customs of the United Kingdom, for the years 1837 and 1838.

Countries.	Gross Receipts in 1837.	Gross Receipts in 1838.
	£.	£.
England.....	19,321,324	19,585,250
Scotland.....	1,626,291	1,666,399
Ireland.....	1,945,849	1,951,507
Grand total.....	22,893,464	23,203,156

CUTLERS' COMPANY, London, incorporated, 1417.

CUTTACK, district, Hindoostan. This country was conquered by Solyman Kerang, governor of Bengal, in 1569, and then annexed to that province. It was subdued by the British in 1803, and since that time, has remained in their possession.

CUTTING GRASS. On Nov. 20, 1838, was read to the Linnæan Society, an account of a new species of *Leptospermea*, by Dr. John Lhotsky, who discovered it in Tasman's Peninsula, Van Diemen's Land. It is nearly allied to the *Leptospermea elatior* of Labillardière, and is remarkable for the great length of its leaves, varying from ten to 20 feet. The leaf of the specimen exhibited was upwards of 13 feet long. It is termed "cutting grass;" the sharp edges of its leaves inflicting wounds on the unwary traveller who passes the plant hastily.

CUVIER, BARON, GEORGE LEOPOLD, the celebrated comparative anatomist, was the son of an officer in the Swiss regiment of Waldner, and born in Aug. 1769, at Montbeliard. Having removed to Normandy, and assumed the office of instructor to the children of the Comte D'Héricy, he found ample leisure for the study of nature; and turned his attention to zoology. In this branch of pursuit, Cuvier made such discoveries as at once introduced him to the consideration and friendship of the naturalists of Paris; and M. Geoffroy St. Hilaire offered to undertake a work in conjunction with him. This connection called Cuvier to Paris, where he established his reputation by an introductory Essay on Zoology. He was soon after appointed to the Professorship of Comparative Anatomy. Napoleon patronised his talents, and raised the professor into a minister.

Under successive grades and titles, during the imperial reign, he performed the principal functions of Minister of Public Instruction, and in that office became as famed for his reports as in the

philosophic chair for his lectures. The restoration of the Bourbons, in 1814, made little change in his position. On the accession of Louis-Philippe, he was made a peer, his previous title of baron having been merely nominal. The Cabinet of Comparative Anatomy, formed wholly by him in the Jardin des Plantes, is a monument of his genius, and is at once the illustration and result of his splendid works on fossil remains and comparative anatomy. He died at his residence in the Jardin des Plantes at Paris, May 13, 1832.

CUVIER, FREDERICK, the younger brother of the illustrious baron Cuvier, and recently Professor of Animal Physiology to the Museum of Natural History at Paris, and Inspector-General of the University. His appointment as keeper of the Menageries at the Jardin des Plantes, furnished him with the most favourable opportunities of studying the habits of animals, their physiology, and structure. The "Annales d' Histoire Naturelle," and the "Memoires du Museum," contain a series of his memoirs on zoological subjects of great value and interest; and his work, "Sur les Dens des Mammiferes considerées comme Caractères Zoologiques," has always been considered as one of the most valuable contributions which has been made to the science of zoology in latter times. The great work "Sur l'Histoire des Mammiferes," of which 70 numbers have been published, undertaken in conjunction with Geoffroy St. Hilaire, to which he contributed, is the most considerable and most extensive publication on zoology which has appeared since the time of Buffon. He died in 1838.

CUZCO, a city of Peru, the ancient capital of the Peruvian empire, was founded according to the common tradition, in 1043, by Manca Capac, the first Inca of Peru. The grandeur and magnificence of the edifices, of the fortress, and of the temple of the sun, struck the Spaniards

with astonishment, in 1534, when the city was taken possession of by Francis Izarro.

1838. Mr. J. B. Pentland, her majesty's consul in Bolivia, stated, that he had just returned from a two months' tour into the southern provinces of ancient Peru, during which he had visited the capital, Cuzco, and the many interesting localities round that imperial city, following a route hitherto untrodden by scientific travellers. In the course of this journey, he had fixed the position of the city of Cuzco, whence it appears that the Temple of the Sun, now the church of San Domingo, is situated in latitude, south $13^{\circ} 30' 55''$, long. west of Greenwich, $72^{\circ} 4' 10''$, and at an elevation above the sea of 11,380 feet.

CYCLOPÆDIA. See ENCYCLOPÆDIA.

CYDONIA, a town which recently sprung up on the coast of Asia Minor, opposite the coast of Mitylene. Half a century ago it was a poor village, when a Greek native, of the name of Economos, succeeded in obtaining from the Porte a firman, by which his countrymen on this spot enjoyed a protection, and seven privileges, elsewhere denied. In 1820, Cydonia was estimated to contain 35,000 inhabitants. Next year, on occasion of the general rising of the Greeks, the pacha of Brusa sent a body of troops to occupy the place. A general descent being soon after made by the Greek fleet, the Turkish garrison was driven out; but in retreating, they set fire to the city in more than 20 places, and the native population had scarcely time to make their escape, when it was reduced to a heap of ashes. No account has yet been received of its revival.

CYMMER ABBEY, Merionethshire, built 1200.

CYPHERS, OR CIPHERS, digits or figures in arithmetic, supposed to have been known in Hindoostan in the sixth century; introduced among the Arabic Moors, 900.

CYPRIANUS, THASCIUS CÆCILIUS, commonly called St. Cyprian, was born at Carthage about the close of the second century. His conversion is fixed by Pearson, in the year 246, and is attributed to the instructions of Cæcilius, a priest of the church of Carthage, whose name Cyprian afterwards assumed. The bishop of Carthage ordained him a priest, and on the death of the bishop, in the

year 248, Cyprian was appointed to succeed him. When the persecutions were begun under Decius, Cyprian became an obnoxious person; and in the beginning of the year 250, the heathens in the circus and amphitheatre, insisted loudly upon his being thrown to the lions. Cyprian, however, contrived to conceal himself; and he wrote, in the place of his retreat, instructive letters to those who had been his hearers. At length he died a martyr in the persecution of Valerian and Gallienus, Sept. 14, 258. Cyprian wrote 81 letters, and several treatises. The best edition of his works are those of Panelius in 1568, and of Oxford in 1682.

CYPRUS, island in the Mediterranean Sea, was first discovered by the Phenicians, about A.C. 1045. It was divided among several petty kings till the time of Cyrus, who subdued them all. In the reign of Darius Hystaspes, they attempted to shake off the yoke, but with bad success. They made another more successful attempt about A.C. 357. Alexander the Great subdued the island, and at his death the dominion of Cyprus was disputed by Antigonus and Ptolemy the son of Lagus. After a long and severe contest Antigonus prevailed, and the whole island submitted to him, about A.C. 304. It was recovered by Ptolemy, and quietly possessed by him and his descendants till A.C. 58.

A.D. 648. It was conquered by the Saracens; but recovered by the Romans in 957. It was reduced by the crusaders, and Richard I. of England, gave it to the princes of the Lusignan family, who held it till the year 1570, when it was taken by the Turks, and has since continued a part of the Ottoman empire.

CYRENE, formerly a celebrated town in northern Africa, now an interesting group of ruins in Barca. The town was founded about A.C. 628, when, according to Herodotus, a colony of Greeks from the Egean isles, under Battus, were conducted by the Libyan nomades to this delightful spot, then called Irasa. In the time of Aristotle, Cyrene was a republic, and continued to be governed by their own laws till the reduction of Egypt by the Macedonians. After the death of Alexander, it was comprised, with Egypt and Lybia, in the vice-royalty of Ptolemy Lagus, and continued to form part of the empire of the Ptolemies till it was made over by Ptolemy Physcon

to his illegitimate son, Apion, who, on his death, bequeathed the Cyrenaica to the Romans. The ruins of Cyrene, which may be said to be a recent discovery, are finely situated on a high table plain, descending abruptly towards the sea by successive stages, along each of which is a smooth rocky path, still marked by the wheels of the ancient chariots,

CYRIL, bishop of Jerusalem, was born about 315, ordained presbyter in 344 or 345, and bishop in 350 or 351, and died 386. Whilst Cyril was bishop of Jerusalem, the emperor Julian is said to have proposed to the Jews the rebuilding of their temple, but the bishop considering the prophecies of Daniel, and the words of our Lord recorded in the gospels, confidently asserted, that it could not be, that the Jews should be able to lay there, one stone upon another.

CYRIL, bishop of Alexandria, was a native of that city, and succeeded Theophilus as bishop of it in 412. Cyril owed his chief fame to his dispute with Nestorius, against whom he maintained, that the virgin Mary ought to be called the mother of God. This dispute terminated in a severe contest, and a general council was summoned at Ephesus in

order to decide it. Cyril distinguished himself by a defence of the christian religion against the emperor Julian, consisting of 10 books, and dedicated to Theodosius the younger. He died in 444.

CYRUS THE GREAT, king of Persia, supposed to have been born about A.C. 590. When he was 16 years of age, he accompanied Astyages, his grandfather, in an attack upon the Assyrians, who had made inroads upon the Persian territories; his behaviour on this occasion was such, that the victory obtained was imputed to his energy and superior prowess. He was appointed generalissimo of the Medes and Persians, which led to the establishment of that vast empire, of which he was the founder. He completed the reduction of Lesser Asia, and invested Babylon, A.C. 538, which he took after a siege of two years, and thus put an end to that great and powerful monarchy. In A.C. 536, he issued an edict, which has given celebrity to his name, permitting such of the Jews as were remaining from the Babylonish captivity, to return to Jerusalem and rebuild their temple. According to Xenophon Cyrus died in peace after a long and prosperous reign, aged 70.

D.

DACIA, an ancient city of Europe, situated between the Danube and the Capathian mountains, first mentioned by historians when Darius marched his army against the Daci, A.C. 508. They frequently in succeeding ages armed themselves and invaded the Roman dominions, and were not completely subdued till the time of Trajan. Dacia was reduced to the state of a Roman province, A.D. 103; abandoned to the Barbarians, by Aurelian, 274; is now included in the kingdom of Hungary.

DACIER, ANDREW, philologist, born 1651, died 1722.

DACIER, MAD. translator of Anacreon Sappho, Plautus, Terence, Homer, &c., and one of the editors of the Delphin classics, born 1651, died August 6, 1720.

DÆDALUS, the ancient architect, flourished A.C. 987.

DÆDALUS, British frigate, struck on a shoal and was lost, the crew saved, July 16, 1813.

DAGENHAM, Essex, breach made by an irruption of the Thames in 1703, which overwhelmed 5000 acres; it was repaired by the efforts of captain John Perry, in 1715, when the whole was again rescued from the waters.

DAGON, one of the most celebrated of the deities of the Philistines, whose image and temple were at Ashdod, about A.C. 1141, 1 Sam. v. He is commonly represented as a monster, half man and half fish; continued to have a temple at Ashdod during all the ages of idolatry, to the time of the Maccabees; for the author of the first book of Maccabees

says, "Jonathan, one of the Maccabees burnt the temple of Dagon and all those who had fled into it."

DAGUERREOTYPE, OR DAGUEROTYPE, the name of a recent invention which M. Arago has announced to the French academy of Sciences, as "one of the most important discoveries in the fine arts, that has distinguished the present century; the author being M. Daguerre, the celebrated painter of the Diorama." The report of its merits was first submitted to the French academy, Jan. 7, 1839. In this invention, advantage is taken of the property of chlorate of silver changing colour by the mere contact of light; by which means M. Daguerre fixes upon prepared metal plates, the rays that are directed on the table of a camera obscura, and renders the optical tableau permanent. In this manner, an exact representation of objects, in light and shade, is obtained with the greatest accuracy, and with the beautiful soft effect of fine aquatint engraving. M. Daguerre made his discovery some years ago, but did not then succeed in making the alterations of colour permanent on the chemical substances. The invention is chiefly applicable to architectural subjects, and its advantages to travellers are incalculable; since it will enable them under the most perilous circumstances of position or temperature to obtain a fac-simile of any desired scene or monument.

From a paper read before the Royal Society Jan. 31, 1839, it seems that M. Daguerre's invention is almost identical with a discovery made nearly five years ago by Mr. H. F. Talbot, which he names "Photogenic drawing." Mr. Talbot also refers to a prior attempt of this kind recorded in the journal of the Royal Institution, for 1802, by which the idea appears to have been originally suggested by Mr. Wedgwood, and afterwards experimented on by Sir Humphry Davy; although Mr. Talbot adds that his experiments were begun without his being aware of these previous attempts.

During the year 1839, every scientific journal in England teemed with contributions to the history of "the New Art," and to its practical details. M. Daguerre's own account of his discovery was published in Paris; and, within a few days, a translation of the same in England, entitled "History and Practice

of Photogenic Drawing on the true Principles of the Daguerreotype." A bill passed the chamber of deputies, for rewarding the inventors, granting to M. Daguerre an annual pension for life of 6,000 francs, (£250 sterling;) and to M. Niepce, jun. who assisted him, a similar pension of 4,000 francs, (£166 13s. 4d.) The commission appointed to examine the discovery were the following members of the chamber: M. M. Arago, Etienne, Carl, Vatout, de Beaumont, Tournouer, Delessert (François,) Combarrel de Leyval, and Vitet, all names distinguished in science.

The following is a brief description of this new art. The designs are executed upon thin plates of silver, plated on copper. The silver must be the purest that can be procured. The thickness of the two metals united ought not to exceed that of a stout card. The process is divided into five operations: The first consists in polishing and cleaning the plate, in order to prepare it for receiving the sensitive coating, upon which the light traces the design. The second is to apply this coating. The third is the placing the prepared plate properly in the camera obscura to the action of light, for the purpose of receiving the image of nature. The fourth brings out this image, which at first is not visible on the plate being withdrawn from the camera obscura. The fifth and last operation has for its object, to remove the sensitive coating on which the design is first impressed, because this coating would continue to be affected by the rays of light, a property which would necessarily and quickly destroy the picture.

In M. Daguerre's work the operations are minutely described and illustrated by six outline diagrams of the requisite apparatus. Plate I. shows the wire frame for supporting the plate while heating; the "plate of plated silver," on which the design is made, the board upon which the plate is laid, the spirit-lamp, and the muslin bag, with the pumice powder for polishing. Plate II. shows the box for iodine, used in the second operation; and a grooved case for preserving the plates from injury. Plate III. represents four different positions of the frame into which the plate with its wooden tablet is put, on removal from the iodine process. Plate IV. shows the camera obscura, as adapted to photogenic

delineation. Plate V. represents three views of the apparatus for submitting the plate to the vapour of mercury; a kind of case, provided with a spirit-lamp and a thermometer on one side to denote the rate of the process. Plate VI. shows various apparatus for the last operation of washing the plate; as three troughs, with the plate placed therein; the funnel for filtering the saline wash; a little hook for shaking the plate while in the wash; and a wide-mouthed vessel for warming the distilled water.

The first experiment made in this country with the daguerreotype, was exhibited by M. St. Croix, in London, Sept. 13, 1839; and the picture produced was a beautiful miniature representation of the houses, pathway, sky, &c., representing an exquisite mezzotint.

1840. The processes of the art are in course of successive improvement. Dr. Donné is stated to have applied, with success, the ordinary process of engraving directly to the proofs taken with the daguerreotype; a discovery almost as important as the invention of the apparatus itself.

M. Arago has since stated that instead of placing the iodine in the box with the plate, the latter is first impregnated with the vapour, and this is placed in a flat box, within half an inch of the plate on which the drawing is to be taken. The box is then to be shut, and in two minutes the silver plate will have acquired the proper tint.

Dr. Schafhentl of Munich, has exhibited a new process of photogenic drawings, combining Daguerre's minuteness, with the light and shadow of an original drawing, by means of Indian ink. The preparation of these new photogenic plates is, however, as yet too complicated for popular practice.

DAHOMY, a kingdom of Africa, founded by Tacoodonou, about the year 1625, but very little is known of the history of this country till it was much enlarged by Trudo in 1727. Since that period, its kings have been remarkable chiefly for their cruelty and love of war.

DAICLES was the first person crowned at the Olympic games, A.C. 752.

D'ALEMBERT. See ALEMBERT D'.

DALLAWAY, JAMES, traveller and antiquarian, born 1763. On Jan. 1, 1797, he was appointed secretary to the earl-marshal, an office which he retained

for some years. His works are numerous. He died June 6, 1834, at Leatherhead, Surrey, aged 71.

DALMATIA, formerly an independent kingdom, was subjected by the Romans, in the time of Augustus; after the fall of the western empire, it was under the dominion of the Goths, then of the eastern emperors; was conquered by the Sclavonians in the seventh century, and erected by them into a kingdom, which lasted till 1030, when it was in part united with Hungary, and part received under the protection of the Venetians, the enemies of the Turks. By the peace of Campo Formio, in 1797, the Venetian part of Dalmatia, with Venice itself, was ceded to Austria; it was transferred to the French in 1805; and united first with the kingdom of Italy; next in 1810, with Illyria, and governed by a general proveditor. At the general restoration in 1814 and 1815, it was attached to Austria.

DALRYMPLE, SIR DAVID, lawyer and historian, born 1726, died 1792.

DALTON, RICHARD, an English artist, patronised by the Prince of Wales (afterwards George IV.,) and by the earl of Charlemont, born 1720, died 1791.

DAMAS, in Barbary, nearly annihilated by an earthquake, when 60,000 souls perished, Dec. 3, 1759.

DAMASCUS, city of Syria, mentioned in scripture as the place where Abraham defeated Chederlaomer, king of Elam (Persia) and rescued Lot, A.C. 1917. It subsequently became the capital of an independent kingdom. The Romans conquered it A.C. 70; at the fall of the western empire, it became the residence of the grand caliph of the Saracens, who ceded it to the Turks in 1515. It has continued to be the capital of a Turkish pachalic ever since that period. In 1799, Buonaparte was on his march to this city, but was foiled in his attempt by the siege of Acre. In 1811, it was menaced by the Wahabees, and the inhabitants prepared to leave the city with their property, but the pacha marched out with 6000 men, and the Wahabees were forced to retire.

DAMER, HON. MRS., celebrated for her works in sculpture, died May 28, 1828.

DAMERHAM, Wilts, sustained £3000 worth of damage by a fire, July 14, 1755.

DAMIENS attempted to assassinate the king of France, Jan. 5, 1757.

DAMIETTA, city of Lower Egypt, during the crusades, was frequently the scene of bloody contests; it was besieged and taken by the crusaders in 1218, and again by St. Louis in 1249. It was subsequently burnt by the Arabs, but soon revived; it was surrendered to the French in 1798; in 1801, it submitted to the British; at the peace of Amiens, it was restored to the Ottomans, but, together with the other parts of Egypt, may now be considered as under an independent prince.

DAMM, THOMAS, of Leighton, near Minchnal, Cheshire, a remarkable instance of longevity, died 1608, aged 154.

DAMPIER, WILLIAM, eminent navigator, born, 1652. In 1673, he served in the Dutch war, under Sir Edward Sprague, and was in two engagements. In 1679, he sailed for the West Indies, and joined some pirates of different nations. In this predatory course, Dampier continued till 1688, when he persuaded his captain to leave him at Nicobar, with seven others, where they suffered incredible hardships. In 1691, he returned home, having completed the circumnavigation of the globe. In 1699, he was appointed to the command of the *Roebuck*, a sloop of 12 guns. He sailed first for the Brazils, and thence he made to the western coast of New Holland. He next sailed to Timor, and thence to the coast of New Guinea. This he found terminated by an island, which he sailed round, and named New Britain. He returned to Timor in May, and proceeded to the Cape of Good Hope; arrived off the isle of Ascension, in February, 1701. He afterwards accompanied Captain Woodes Rogers in a voyage round the world. The time of Dampier's death is not known.

DANBURY, town, North America, was taken and burnt by the British, in 1777.

DANCE, CAPTAIN, commander of the China fleet of merchantmen, whose cargoes were worth eight millions sterling, repulsed the French squadron, consisting of an eighty-gun ship and several frigates, commanded by Admiral Linois, being one of the most brilliant examples of courage and skill in nautical tactics ever exhibited by the seamen of merchant vessels in any period of history, 1804.

DANCE, GEORGE, a British painter and architect, born 1741, died 1825.

DANCHET, ANTHONY, a French poet, born 1671, died 1748.

DANCOURT, F. E., a French actor and comic poet, born 1661, died 1726.

DANDINI, CESARE, a celebrated Florentine painter, born 1595, died 1658.

DANDINI, VINCENZIO, a Florentine painter of history, born 1607.

DANEGELT, a land tax, first established by Ethelred II., 991; abolished by Stephen, 1136.

DANES, their first descent upon England, at Portland, 787.

794. Their second, in Northumberland, when they were repelled, and perished by shipwreck.

832. Landed on Sheppy Island.

836. Again, in Cornwall, and were defeated by Egbert.

840. Again, at Charmouth, and defeated Ethelwolf.

851. Landed at the mouth of the Thames, from 350 ships, and took Canterbury and London.

853. Subdued by Ethelwolf, at Okely, in Surrey.

867. Invaded Northumberland, and seized York.

871. Defeated king Ethelred and his brother Alfred at Basing and Merton.

876. Surprised Warham castle, and took Exeter.

877. Took Chippenham.

878. 1,205 of them killed by Odun, earl of Devonshire.

882. Alfred entered into treaty with them.

894. Their fleet totally destroyed at Appledore, by King Alfred.

895. Under Rolla, made their first descent on France.

900. Invaded Anglesea.

905. Made a settlement in Neustra, now Normandy.

921. Submitted to Edward the elder.

982. Invaded Dorsetshire.

991. Landed again in Essex, and were bribed to depart the kingdom.

992. Their fleet defeated.

1002. Numbers of them massacred by order of Ethelred II., November 13.

1007. Made England tributary to them.

1010. Continued their ravages, and defeated the English at Ipswich.

1011. Took Canterbury, and put nine out of 10 of the inhabitants to death.

1017. Under Canute, conquered England.

1020. Settled in Scotland.

1041. Expelled England.

1047. Danes landed again at Sandwich, and carried off much plunder to Flanders.

1069. Joined the Northumbrians, burnt York, and slew 3000 Normans.

1074. Invaded England again, but were bribed by William to depart.

DANGER, ISLE OF, discovered by Byron, 1765.

DANIEL, the prophet, sent captive to Babylon, A.C. 606. Interpreted Nebuchadnezzar's dream, A.C. 603. Cast into the lions' den, A.C. 538. He predicted the fall of the Persian empire, A.C. 534.

DANIEL, the French historian, born 1649, died 1723.

DANIEL, SAMUEL, poet and historian, born 1562, died 1619.

DANNECHER, J. H. VON, of Stuttgart, an eminent sculptor, born 1758.

DANTE, ALIGHIERI, a celebrated Italian poet, born at Florence in 1265. In 1300 he was one of the chief magistrates of that city, an honour which proved the source of many of his misfortunes. He was afterwards banished, and sentence of death passed upon him, should he again fall into the power of the Florentine state. When Henry, of Luxembourg, was elected emperor, Dante paid his court to him in hopes of being restored to his country; but the death of Henry, in 1313, cut off all his hopes. About this period he went to Paris, where he engaged in the studies of the university. He was afterwards employed in some political negotiations, and was sent to Venice, in order to compromise a quarrel which had arisen between him and the republic. The Venetians, however, refused to admit him to an audience, by which he was so much affected, that soon after his return to Ravenna he died, on September 14, 1321. His principal work, "Divina Commedia," has given him an unfading and immortal reputation. In 1373 a professorship was established at Florence, for the express purpose of explaining Dante to the public. The first person who filled the chair was Boccaccio. The best edition of his works is that of Venice, in three vols. quarto, published in 1757. A sumptuous monument was erected to his memory in 1780 by the legate, cardinal Gonzaga.

DANTZIC, a city of Polish Prussia, called by the ancients Godanum, famous in history on account of its being formerly at the head of the Hanseatic association. See **HANSE TOWNS**. Dantzic

was early an object of contest; the Danes, Swedes, Pomeranians, and Teutonic knights strove for its possession. In 1310 it fell into the possession of the latter. In 1454 it declared itself independent, and was acknowledged as such by the Poles, who conferred upon the inhabitants several valuable privileges.

1772. The city was almost surrounded by the Prussian dominions, and abandoned by the Poles. In 1793 the Prussians took possession of the outworks. At the breaking out of the war between France and Prussia, in 1807, it surrendered to the French, and was subject to a heavy military contribution. In 1808 the code Napoleon was introduced, which cut off its valuable trade with England. It was besieged by, and capitulated to the Russians in 1814. During the siege 309 houses were burnt, 1115 damaged, and 90 persons died of hunger. Since the calamities of war have been suspended or removed, its population and trade have rapidly increased. The exports of wheat from Dantzic are greater than from any other port in the world. Next to grain, timber is the most important article of export from Dantzic. In 1833 there were 747 ships entered, and 758 cleared at this port.

DANTZIC, 300 persons at, killed and wounded, and 600 houses damaged by an explosion of gunpowder, December 16, 1815.

DANUBE, anciently supposed to have been the northern boundary of the Roman empire in Europe; towards its mouth the ancients called it the Ister. In 1805, it overflowed its banks, with a violence which had been unparalleled since the time of Louis XIV., particularly in the night that preceded the disgraceful capitulation of General Mack. About 1830, a regular line of steam boats, for the transportation of passengers and merchandise, was established on the Danube from Presburg (Hungary) to Galacz, by an Austrian company, entitled "First Company for Navigation by Steam on the Danube." Three boats were running on this line, viz., the Pannonia, (36-horse power,) from Presburg to Pesth; the Francis First, (60-horse power,) from Pesth to Moldavia; the Argo, (50-horse power,) from Orsova to Galacz.

1835. The government of Bavaria began to be occupied with the consideration of a plan for uniting the Rhine with the Danube, near Kelheim. Its course

will follow the valley of the small river D'Altmuhl and the Sulz, as far as Neumarkt, from thence the canal will pass in the direction of Nuremberg, by Furth and Bamberg. Its length to be 592,534 Bavarian feet, or 23 German miles. Its breadth will be 54 Bavarian feet, and its depth 34. The highest elevation of the canal is 273 feet above the surface of the Danube, near Kelheim, and 630 feet above the surface of the Regnitz, near Bamberg. This elevation to be attained by means of 94 locks. It appears, from an official calculation, that the conveyance of a quintal of goods throughout the whole length of the canal will not cost above a kreutzer and a half, including the expenses of navigation.

D'ANVILLE, JOHN BAPTISTE BOURGUIGNON, a celebrated geographer, author of "Ancient Geography." was born at Paris. July 11, 1697. At the age of 22, he obtained a commission as geographer, and published, with universal approbation, several of those maps which have immortalized his name. He died January 28, 1782, aged 85.

D'ARCON I., inventor of the floating batteries, born 1733, died 1800.

D'ARCY, COUNT, the philosopher, born 1725, died 1779.

DARDANELLES, STRAIT OF, between the Archipelago and the sea of Marmora, separating Europe and Asia. Three leagues from its mouth, were built in 1658, by Mahomed IV., the two castles called the Dardanelles; the cannon of each of which commanded the opposite shore. These were for a long time, the only barrier to secure Constantinople. Near this are two promontories 750 yards distant from each other, which form the strait, rendered famous by Leander's nightly visit to Hero, by Xerxes' transit, by Solyman's passage upon a bare raft, and by the exploit of the poet Byron, who swam across. The Turks have always been too indolent to keep these fortifications in repair; in 1770, the Russian admiral, Elphinstone, pursued two Turkish ships up the strait, and passed the batteries, having received but a single shot; on February 19, 1807, Admiral Duckworth, an Englishman, effected a passage through the Dardanelles. Oct. 1828, blockade of the Dardanelles by the Russians, officially announced by the secretary of state for foreign affairs, to the committee of Lloyd's.

DARDANUS built the city afterwards called Troy, A.C. 1480.

DARIUS, THE MEDE, king of Assyria, flourished A.C. 538.

DARIUS I., KING OF PERSIA, was the son of Hystaspes. Raised to the empire of Persia, A.C. 521. He is celebrated in history for the permission which he gave to the Jews to resume the rebuilding of their temple. The Babylonians revolted, A.C. 517, but he took the city. He died A.C. 485.

DARIUS II., surnamed Ochus, ascended the Persian throne A.C. 423. He died in the 20th year of his reign.

DARIUS III., named Codomannus, born about A.C. 380. He died A.C. 330.

DARKNESS, (an unaccountable,) at noon day, in England, so that no person could see to read, January 12, 1679. A similar darkness at Quebec, in North America, September 16, 1785.

DARLINGTON, Worsted Mills at, belonging to Messrs. Peace, burnt down, damage estimated at £35,000, February 19, 1817.

DARLINGTON TEMPLE, Devon, built 1123.

DARNLEY LORD, married to Mary, queen of Scots, 1561, killed by an explosion, February 10, 1567.

DARNLEY, LATE EARL OF, died at his seat, Cobham Hall, from the effect of an accident, Feb. 11, 1835, aged 40.

DARTFORD PRIORY, Kent, built 1372.

DARTFORD COTTON MILLS, damaged by fire to the amount of £10,000, December 21, 1795. Dreadful explosion of six powder mills at Dartford, January 21, 1833; 2,500lbs. of powder exploded, and three men, four women, and a lad were killed. The shock was felt at Greenwich, a distance of 10 miles.

DARTMOUTH, seaport, Devon. Richard Cœur de Lion made this place the rendezvous for his expedition to Palestine, in 1190, and it furnished 31 ships and 757 men towards the armament against Calais, under Edward III. It was burnt by the French, 1337. Taken in the civil wars in 1643, by Prince Maurice, but re-taken by the parliamentarians in 1646.

DARWIN, ERASMUS, physician and philosopher, born at Elston, in Nottinghamshire, December 12, 1731. Removed to Edinburgh in 1753, where he studied medicine, and obtained his degree of bachelor of medicine, in 1755. He died

April 18, 1802, aged 71. His principal works were his "Botanic Garden," a poem, 1781; his "Zoonomia, or the Laws of Organic Life," 1796; "Phytologia, or the Philosophy of Agriculture and Gardening," 1800.

DAUBENTON, the coadjutor of Buffon in the compilation of the "Natural History," died 1800.

D'AUBIGNE, a French writer, born 1550, died 1630.

DAUPHIN OF FRANCE, the title which the eldest sons of the kings of France, and heirs presumptive to the crown bore for nearly 450 years. It took its rise about 1120 in Guigues IV., son of Guy, or Guigues, the Fat. The title was first borne by the eldest sons of the royal family about 1345, by Philip, a younger son of Philip de Valois, to whom Humbert III., dauphin of the Valois, had ceded his dominions, consisting chiefly of the Dauphiné. After Charles V., surnamed the Wise, the kings of France never conferred the appellation of dauphin on any one but their eldest sons, and presumptive heirs of the crown. In 1791 the national assembly decreed its suppression, and substituted the appellation of prince royal.

Charles Louis, the last dauphin, was the son of Louis XVI. and Maria Antoinette of Austria, born March 27, 1785, was first named duke of Normandy, and took the title of dauphin only after the death of his eldest brother, Louis Joseph Xavier Francis, in 1790. On the 11th August, 1792, he was imprisoned at Paris with his royal parents in the Temple. He expired June 9, 1795, at the age of 10 years, two months, and 13 days.

DAUPHINY, annexed to the crown of France 1349.

DAVENANT, SIR WILLIAM, a poet in the reign of Charles I. and II., was the son of a tavern-keeper at Oxford, in which city he was born in 1606. In 1637 he was elected poet-laureate, and his attachment to the king involved him in the troubles of that period. On account of some services done for the king, he was made a knight in 1643, and was afterwards committed a close prisoner to Cowes castle, in the Isle of Wight. In 1650 he was removed to London for trial by a high-commission court. He escaped with his life, but was kept two years a prisoner in the Tower. Upon his release he had re-

course to a public exhibition of entertainments, as a mean of extricating himself from the indigence into which he had fallen. From this period he continued to write plays till his death, which happened April 7, 1668. The complete works of Sir William were published by his widow in 1675.

DAVENANT, CHARLES, eldest son of Sir William, and also a poet, was born 1656, died, 1714.

DAVID, king of Israel, born at Beth-lehem, A.C. 1085; succeeded Saul in Israel, 1055; died 1015.

DAVID, king of Scotland, taken prisoner by the English, 1346; ransomed for 100,000 marks, 1357; died at London, February, 22, 1371.

DAVID, St. a city of Pembroke, in South Wales. St. Patrick first founded a church here, and was succeeded by St. David, the son of a Welsh prince. The metropolitan see of Wales was transferred to this place in 519, but in the year 930, under Edward I., the archbishop (the 47th) was compelled to submit to the province of Canterbury.

DAVID, St., cathedral of, built 1180; palace built, 1335.

DAVID, JAMES LOUIS, restorer of the French school of painting, born 1750, died 1825.

DAVIES, SIR JOHN, lawyer and poet, born 1570, died 1626.

DAVILA, author of the "History of the Civil Wars of France," died 1641.

DAVINGTON NUNNERY, Kent, built 1153.

DAVIS, JOHN, an English navigator, who discovered the strait which bears his name, died 1605.

DAVIS'S STRAITS, a narrow sea between Baffin's Bay and the Atlantic, discovered in 1585, by the navigator whose name it bears, in an unsuccessful attempt to establish a north west passage.

DAVY, JOHN, an eminent musical composer, died in poverty, February 22, 1824.

DAVY, REV. WILLIAM, who printed, with his own hands, his "Compilation of a System of Divinity," 26 vols. 8vo., died 1826.

DAVY, SIR HUMPHRY, the most celebrated chemical philosopher of his day, was born at Penzance in Cornwall, in 1779. Having received the rudiments of a classical education under Dr. Cardew, of Truro, he was placed with a professional gentleman at Pen-



SIR HUMPHRY DAVY.

H. Davy



zance, that he might acquire a knowledge of the profession of a surgeon and apothecary. His master, however, soon became dissatisfied with his new pupil; instead of attending to the duties of the surgery, Humphry was experimenting in the garret, and upon one occasion he produced an explosion that put the doctor and all his phials in jeopardy. He continued to direct his mind to the study of mineralogy and chemistry. The first original experiment performed by him at Penzance was for the purpose of ascertaining the nature of the air contained in the bladders of sea-weed. His instruments, however, were of the rudest description, manufactured by himself.

A prominent circumstance in Davy's life was his introduction to Mr. Gilbert, in 1792, the distinguished president of the Royal Society, who kindly lent him the use of his library, or any other assistance that he might require for the pursuit of his studies. Here he was also introduced to Mr. Watt and Dr. Beddoes. The latter had just established his Pneumatic Institution at Bristol, and required an assistant in his laboratory. The situation was offered to Davy, who eagerly accepted it. He was now engaged in the prosecution of new experiments; in the course of which the respirability and singularly intoxicating effects of nitrous oxide were first discovered, which led to a new train of research. His inquiries were also extended to the different substances connected with nitrous oxide, such as nitrous gas, nitrous acid, ammonia, &c.; and he was enabled to present a clear and satisfactory history of the combinations of oxygen and nitrogen. These interesting results were published in a separate volume, entitled, "Researches, Chemical and Philosophical, chiefly concerning Nitrous Oxide and its Respiration."

About 1801, Count Romford having made enquiry for some rising philosopher who might fill the chemical chair in the newly established institution of Great Britain, Davy was proposed, and immediately elected. In this new scene he still pursued his studies with ardour.

1802. Having been elected professor of chemistry to the board of agriculture, Davy commenced a series of lectures before its members; and which he continued to deliver every successive session for 10 years. These discourses were published in the year 1813, at the

request of the president and members of the board; and they form the only complete work we possess on the subject of agricultural chemistry. In 1803, Davy was elected a fellow of the Royal Society; he subsequently became its secretary, and, lastly, its president. During a period of 25 years, he constantly supplied its transactions with papers.

The first memoir presented by him to the Royal Society, was read June 18, 1801; and is entitled, "An Account of some Galvanic combinations, formed by the arrangement of Single Metallic Plates and Fluids, analogous to the new Galvanic Apparatus of Volta."

After an interval of nearly five years, in which he had been engaged in experiments of the most arduous and complicated description, he unfolded the mysteries of volcanic action, and as far as its theory goes, might almost be said to have perfected our knowledge of the galvanic pile. The memoir in which these discoveries were announced constituted the first Bakerian lecture; and was read before the Royal Society Nov. 20, 1806. In 1807, this lecture was crowned by the Institute of France, with the prize of Napoleon.

The discovery of the composition of the fixed alkalis, was announced in Davy's second Bakerian lecture, read before the Royal Society in 1807. This was followed up by an investigation into the nature of the earths; and the results were communicated in a paper read before the Royal Society June 30, in the same year.

The third lecture of 1808 was entitled, "An Account of some new Analytical Researches on the Nature of certain Bodies, particularly the Alkalies, Phosphorus, Sulphur, Carbonaceous Matter, and the Acids hitherto undecomposed; with some general Observations on Chemical Theory."

The frequency of accidents, arising from the explosion of the fire-damp, occasioned the formation of a committee at Sunderland, in 1815, for the purpose of investigating the causes of these calamities, and of endeavouring to discover and apply a preventive. Sir Humphry was invited to the north of England, and soon convinced himself that no improvement could be made without a new method of lighting the mines, free from danger, which led to the invention of the safety lamp. The coal-owners

of the Tyne and Wear evinced their sense of the benefits resulting from this invention, by presenting Sir Humphry with a handsome service of plate, worth nearly £2000, at a public dinner at Newcastle, Oct. 11, 1817.

M. Oersted, secretary to the Royal Society of Copenhagen, published in 1819 an account of some experiments exhibited in his lecture before the University, by which it was demonstrated that the magnetic needle was moved from its position by the action of the galvanic apparatus. No sooner had this extraordinary discovery been announced in this country, than Sir Humphry Davy proceeded to repeat the experiments, and with his characteristic talent, to vary and extend them. He particularly investigated the magnetising powers of the conjunctive wires, and the circumstances under which they became effective.

Sir H. Davy's method for preventing the corrosion of the copper sheathing of ships by sea-water, being founded upon voltaic principle, was presented in a paper which was read before the Royal Society, January 22, 1824, and which was continued in another communication dated June 17, 1824, and concluded in a third, read June 9, 1825.

Much of the latter period of Sir Humphry Davy's life was spent in visiting different parts of Europe for scientific purposes. In the course of a few years, most of the learned bodies in Europe enrolled him among their members. In 1805, he was elected a member of the Royal Irish Academy; and in 1810, he delivered a course of lectures before the Dublin Society, and received from Trinity College, Dublin, the honorary degree of LL.D. In 1813, he was elected a corresponding member of the Institute of France, and vice-president of the Royal Institution. He was created a baronet, Oct. 20, 1818. In 1820, he was elected a foreign associate of the Royal Academy of Sciences at Paris, in the room of his countryman, Watt.

Sir Humphry returned to England in 1820, and in the same year, Sir Joseph Banks, president of the Royal Society, dying, he was elected president in his room. He retained his seat as president till 1827, when, in consequence of procrastinated ill health, he was induced, by medical advice, to retire to the Continent. He accordingly resigned his seat as president of the Royal So-

ciety. Having spent nearly the whole of the summer of 1828 in the neighbourhood of Laybach, in expectation of returning health, this great philosopher closed his mortal career at Geneva, May 30, 1829.

The following is a list of the works of which Sir Humphry Davy was the author:—"Chemical and Philosophical Researches, chiefly concerning Nitrous Oxide, and its Respiration," 1800, 8vo.; "A Syllabus of a Course of Lectures on Chemistry, at the Royal Institution," 1802, 8vo.; "A Discourse, introductory to a Course of Lectures on Chemistry," 1802, 8vo.; "Electro-Chemical Researches on the Decomposition of the Earths, with Observations on the Metals obtained from the Alkaline Earths and an Amalgam procured from Ammonia;" "Lecture on a plan for improving the Royal Institution, and making it permanent," 1810, 8vo.; "Elements of Chemical Philosophy," 1812, 8vo.; "Elements of Agricultural Chemistry, in a Course of Lectures before the Board of Agriculture," 1813, 4to. and 8vo.; "Practical Hints on the Application of Wire Gauze to Lamps, for preventing Explosions in Coal Mines," 1816, 8vo.; "Six Discourses delivered before the Royal Society, at their Anniversary Meetings, on the Award of the Royal and Copley Medals; preceded by an Address to the Society, delivered in 1800, on the Progress and Prospects of Science," 4to. He also contributed many valuable articles to the "Philosophical Transactions," to "Nicholson's Journal," and to the "Philosophical Magazine."

DAY, JOHN, printer, who first introduced the Greek and Saxon characters into England, died 1584.

DAY, THOMAS, the author of "Sandford and Merton," &c., died 1789, aged 41.

DAY, EDWARD, a promising British painter, who fell by his own hand, 1804.

DEAF AND DUMB, the instruction of, first attempted by Penro de Ponce, a Spanish Benedictine monk, as early as the beginning of the 16th century. A Spanish priest, named Bonet, was also occupied for many years in the education of the deaf and dumb, and his system was published at Madrid, in 1620.

About 30 years afterwards, a work

was published in England, by Dr. Wallis, the investigation of which directed his attention to the education of the deaf and dumb, and he pursued the occupation for many years with great success.

The first person who established an academy for the education of the deaf and dumb, in Great Britain, was Mr. Braidwood, who conducted the seminary with distinguished reputation and success for many years. He began his labours at Edinburgh, where he was visited by Dr. Johnson, in 1773. Soon after, the French Abbé de l'Épée, having turned his attention to this object, instituted an academy; he received about 60 pupils, and supported them at his own expense, besides training several persons for teachers. De l'Épée published an account of his system at Paris in 1784. The Abbé Sicard, who followed him, instructed his pupils in the meaning of words, and taught them to compose for themselves, but none of the preceding attempted to teach them the art of speaking.

This has been accomplished, however, in the London Asylum, Kent Road, which was first established in 1792. It originated in the benevolent exertions of the Rev. J. Townsend, and was indebted for much of its prosperity to his unwearied exertions in its support. Since its commencement, the London Asylum has received for instruction hundreds of children, who are taught the trades of printer, tailor, and shoemaker, in the manufactory belonging to the institution. "The majority of those who have left the asylum," says Dr. Watson, the teacher of the institution, "have done so in a state of improvement, intelligence, and usefulness, that rendered them individually happier beyond all comparison, by enabling them to participate, through the medium of the mother tongue, in the advantages which society and christianity confer on men." There was also a similar institution at Edinburgh, established in 1810.

DEAFNESS. The alleviation of deafness has occupied the attention of a portion of the scientific world during the year 1838. The British Association appointed a committee for reporting on the instruments best adapted for assisting the hearing in cases of deafness, and invited co-operation, by suggestions, or the loan

of instruments or apparatus in the explanation of special views.

DEAL CASTLE, Kent, built 1539.

DEAN BRIDGE, Edinburgh, completed in 1832. This stupendous bridge, which forms one of the most splendid ornaments of the northern capital, was erected almost at the sole expense of John Learmouth, Esq., (Lord Provost,) from a design by Mr. Telford. It consists of four lower arches, each 90 feet span, and 30 feet rise, springing from pillars at the height of 70 feet above the bed of the water of Leith. The roadway is at the enormous height of about 120 feet above the level of the river below.

DEAN, FOREST OF, affords the principal supply of oak and beach to the British navy. There are here very extensive coal and iron mines, marble quarries, &c., and the miners and colliers claim the right of being supplied with timber from the forest for their mine works.

1831. June 8, riot among the inhabitants of the forest and its neighbourhood, for the purpose of throwing down the inclosures therein. Upwards of 3000 men assembled, and no sufficient force being on the spot to oppose them, they succeeded in destroying 50 miles of wall and fence, and throwing open 10,000 acres of plantation.

DEAN, HUGH, a British artist of great merit, but greater eccentricity, died 1784.

DEARTH, so great a one in England and France, that a quarter of wheat was sold for 20s., almost as much as £6 now, followed by a pestilential fever, 1193, 1194, 1195. Another 1222; another with a murrain, when wheat sold for 40s. a quarter, as much as £8 now, 1315; wheat sold for £3 a bushel, 1316; another great one, with a murrain, 1335; two others, 1348 and 1353; again, when bread was made in many places of fern roots and ivy berries, 1438; £2,000,000 was paid for corn imported in a dearth, 1565; and £1,200,000 in 1748.

DEBENHAM, Suffolk, 38 houses at, destroyed by fire, March 1, 1743-4.

DEBORAH, the prophetess, and third judge of Israel, who with Barak, general of the Israelites, defeated the Canaanites under Sisera, at the waters of Megiddo; Sisera was killed by Jael, the wife of Heber, A.C. 1285; upon this battle was composed the beautiful song

of Victory, in Judges, chapter V.; the land of Israel had rest in the 40th year after the rest given by Ehud.

DEBTORS. The number of debtors in confinement on July 1, 1839, in England and Wales, was 1,805; in Scotland, 77; and in Ireland, 924; total, 2,806. Of these 48 were in confinement previous to the year 1830. One has been confined since 1811, two since 1812, and three since 1816.

DECAMERON OF BOCCACCIO, a copy of this work, small folio, printed in 1471, was knocked down to the marquis of Blandford, at the duke of Roxburgh's sale, for £2,260, June 17, 1812.

DECCAN TERRITORY, Hindoostan, in its most ancient acceptation comprehended all the peninsular, or triangular region of India, south of Nerbudda river, but now only includes the districts Candeish, Poona, Ahmednuggur, and Darwar. The Deccan was formerly subject to the Hindoo princes, but conquered by the Mahomedans in 1293. The Sultan Allah ud Deen Hossein Kan-goh Bhamanee threw off the Mahomedan yoke in 1337, and established an independent sovereignty, which continued until 1518. On the breaking up of this kingdom it was divided into several states. During the latter half of the 17th century, these were again subdued and annexed to the kingdom of Delhi. In 1739, this kingdom was weakened by an invasion of the Persians, the nizam threw off his allegiance, declared himself independent, and fixed his court at Hyderabad. Deccan continued subject to the nizam and Mah-rattas until the British ascendancy in 1803, and the establishment of their paramount sovereignty in 1818, at which period direct possession was obtained of the territory now designated "British Deccan." In 1821, the natives voluntarily commenced the removal of fortifications from around their villages, declaring that their attachment to the British should be permanent.

DECEMVIRI, an order of annual magistrates among the Romans, created A.U.C. 302, when the consuls Appius Claudius Crassinius, and T. Genucius Augurinus were obliged to abdicate, A.U.C. 304; another set was to have been chosen, but the people rose, made them lay down their authority, and resumed that of the consuls.

DECIMALS were first employed by Regiomontanus, about 1460; but Stevinus was the first who treated expressly on the subject, namely, in 1585. Circulating decimals were first treated of by Dr. Wallis, towards the close of the 17th century.

DECIUS, the Roman general, who had been sent on an expedition into Mœsia, having previously usurped the imperial title, was defeated by the Goths in Mœsia, and with his two sons slain in battle, in 251.

DECLARATION OF RIGHTS, bill passed, 1689.

DE COURCY, had the privilege of standing covered before the kings of England, granted by King John, 1203.

DECRETAL, a rescript, or letter of a pope, whereby some point or question in the ecclesiastical law is solved. The decretals compose the second part of the canon law. All the decretals attributed to the popes before Siricius, in 318, are evidently suppositious. They are supposed by some to be the spurious offspring of Isidore, archbishop of Seville, because the collection bears the name of Isidore Peccator, or Mercator. They were first published by Riculph, bishop of Mentz, in the ninth century. Pope Gregory IX. in the 13th century, procured a compilation to be made of all the decretals or pontifical constitutions of his predecessors, in five books, by Friar Raimond. "These decretals," says Mr. Hume, "are a collection of forgeries favourable to the court of Rome, and consisting of the supposed decrees of popes in the first centuries, but the forgeries are so gross, and confound so palpably all language, history, chronology, and antiquities, that even that church, has been obliged to abandon them to the critics."

D E E, JOHN, astrologer, who, pretending to hold converse with spirits and angels, which he pretended he saw in a black stone, still preserved in the British Museum, had great credit with Elizabeth, James I. and their contemporary crowned heads; born 1527, died 1608.

DEEG, town and fortress of Hindoostan, city of Agra, belonging to the Bhurt-poor rajah. It was taken from the Jauts in 1776 by Nujuff Khan. Lord Lake defeated Holkar here, and took the fortress in 1805.

D E E R, parish, Scotland. Edward

Bruce pitched his camp, after the battle of Inverary, in 1308, on Bruce hill in this parish, and marched hence against the Earl of Buchan, at Aiky Brae. Two miles north from the church are the ruins of Feddart castle, from which the soldiers of William III. expelled a party of James's followers who had found an asylum there, after the battle of Killycrankie.

DEERING, SIR CHOLMLEY, killed in a duel, May 9, 1711.

DEFENCE, British 74 gun ship, stranded on the coast of North Jutland, when all the crew except five seamen and one marine perished, December 24, 1811.

DEFENDER OF THE FAITH, title conferred by Leo X, on King Henry VIII. for writing against Martin Luther; and the bull for it bears date quinto idus October, 1521. It was afterwards confirmed by Clement VII. But the pope, on Henry's suppressing the houses of religion at the time of the reformation, not only deprived him of his title, but deposed him from his crown also: though in the 35th year of his reign, his title, &c. was confirmed by parliament; and has continued to be used by all succeeding kings to this day.

DEFENDERS, a people who created disturbances in Ireland, 1793.

DEFOE, DANIEL, the well-known author of Robinson Crusoe, was born about the year 1663. In 1701, he published "the True-Born Englishman," a satire which excited a considerable share of attention. In 1702, when the high church party was inclined to persecute the dissenters, De Foe published "The Shortest Way with the Dissenters, or Proposals for the Establishment of the Church." For this he was sentenced to fine, imprisonment, and the pillory. Soon after his liberation he published, by subscription, his "Jure Divino," in 12 books, the object of which was to expose the doctrine of the divine right of kings, and to decry tyranny. About 1715, he commenced a new style of writing, and published "The Family Instructor," which has been highly regarded for its excellent moral tendency. But the most distinguished of his works is, "The Life and Adventures of Robinson Crusoe," which was first published in 1719. It has passed through as many editions as almost any book in our language of the same standing, and must long con-

tinue to be the favourite book in the juvenile library. Defoe died April 26, 1731.

DEGREE OF LATITUDE AND LONGITUDE. See LATITUDE AND LONGITUDE.

DEGREES, academical, first introduced at Paris, previous to 1213.

DEISM, the doctrine or belief of the deists. The name seems to have been first assumed as the denomination of a party about the middle the 16th century. They are mentioned by Viret, an eminent reformer, in his Instruction Chretienne, published in 1563. The first destical writer of any note, that appeared in this country was Herbert, Baron of Cherbury, who lived in the 17th century. His book, De Veritate, was first published at Paris in 1624. His celebrated work, De Religione Gentilium, was published at Amsterdam in 1663, in 4to. and in 1700 in 8vo. and an English translation of it was published at London in 1705.

DE LA FOSSE, a French artist, who painted the interior of the British Museum, born 1640, died 1716.

DELAGOA BAY, on the eastern coast of Africa, discovered by Lorenzo Marques, a Portuguese. His countrymen settled here in 1545, but soon abandoned their discovery. The Dutch next attempted to locate themselves here but were cut off in 1727. In 1777 the Austrian East India company placed a few settlers here, who shared a fate similar to that of their predecessors. It was at last resigned to the primitive inhabitants. The bay was visited in 1823 by Captain Owen, in the Leven, in his survey of the African coast, and the native tribes in the neighbourhood have recently excited an unusual degree of interest. See ZOOLAS. The rivers which fall into Delagoa Bay were surveyed by Captain Owen. The principal of these are the Mapoota, English river, and Manice or King George's river. The Portuguese factory is situated on the northern shore of the English river.

DELAMBRE, the French astronomer died 1822.

DELANY, DR., a clergyman and writer of considerable celebrity in Ireland; was born about the year 1686, died at Bath, May, 1768, aged 83.

DELAWARE, one of the United States, was settled by the Swedes and Finns in 1627, and named Nova Suecia; Hoar-

kill, now Lewistown, was founded in 1630, but the Dutch obtained possession of this country in 1655. The colony on the Delaware fell with other parts of New Amsterdam into the hands of the English in 1664. James, duke of York, in 1682 conveyed it as far as Cape Henlope to William Penn; and from that time until the United States became independent, it formed part of the state of Pennsylvania. In 1704, a separate house of assembly was established. This was one of the first states to declare its independence which was established in 1776. In 1792, a constitution was adopted similar to that of the other states.

DELFT, South Holland, city founded 1072; nearly destroyed by a fire in 1536. The old church here contains the monuments of admirals Van Tromp and Peter Heyn, and the house in which William I. of Orange was murdered in 1584 is still standing. In the new church is a monument to the memory of Hugo Grotius, who was born here in 1583.

DELFT earthenware, invented at Tirenza, 1450.

DELHI, city of Hindoostan, capital of the province of Delhi. The ancient town was captured in 1193 by the Mahomedans, under Cuttubad deen Khan, who fixed his residence here. It then became the capital of Hindoostan. In 1398 it was taken, pillaged, and reduced to a heap of ruins by Tamerlane. Towards the end of the 16th century the seat of royalty was transferred to Agra.

1631. Shah Jehan founded the new city on the west bank of the Jumna. During the reign of his third son, the revenue of the city amounted to £3,813,594, and its population to 2,000,000 souls. It continued to prosper until 1739, when Nadir Shah invaded it, massacred 100,000 inhabitants, and collected £62,000,000 sterling of plunder. It was again pillaged and depopulated in 1756, 1759, and 1760, by Ahmed Abdallah, and in 1788 Gholaum Kaudir and Rohilla made themselves masters of this city, starved and tortured many of the nobles, and put out the eyes of the king to compel a disclosure of supposed concealed treasures.

1803. This city came into the possession of the British by the victories of Lord Lake, and since that period has been gradually recovering from its calamities. At that time a portion of the territories near Delhi, on the right bank

of the Jumna, was "assigned" for the maintenance of the emperor, or "great mogul," who is now dependent on the British.

DELILLE, ABBE', a French poet, and author of "Les Jardins," died 1813.

DELISLE, JOSEPH NICHOLAS, astronomer, born 1688, died 1768.

DELISLE, WILLIAM, geographer, born 1675, died 1726.

DELOLME, LEWIS, the author of "Essays on the Constitution of England," &c., died December 1807.

DELOS, an island of the Ægean Sea, known to the ancients by the names of Cynethos, or Cynthos, Asteria, Pelasgia, &c. The native deities, Apollo and Diana, had three very magnificent temples erected for them in this island. That of Apollo was begun by Erysiapthus, the son of Cecrops, who is said to have possessed this island A.C. 1558. The oracle of Apollo, in Delos, was one of the most famous in the world, not only for its antiquity, but for the richness of the sacred presents dedicated to the god. Delos, the capital of the island, was the richest city in the Archipelago, but is now called Deli, and is little more than a desert rock, covered with ruins, and uninhabited.

DELPHI, or DELPHOS, now called Castri, the capital of Phocis, in Greece. The temple of Apollo here, occupied, according to Pausanias, a large space, and was treated with singular veneration. This edifice was destroyed by fire in the 58th Olympiad, A.C. 548. The riches of this temple exposed it to various depredations. At length the Gauls, under the conduct of Brennus, came hither for the same purpose, about A.C. 278, but they were repulsed with great slaughter. Last of all, Nero robbed it of 500 of the most precious statues. Castri, the present town, does not consist of above 200 houses, and those very ill built.

DE LUC, J. A., a French philosopher, born 1726, died 1817.

DELUGE, THE UNIVERSAL, or Noah's flood, makes one of the most considerable epochs in chronology. Its history is given by Moses, Gen. ch. vi. and vii.. Its time is fixed by the best chronologers to the year from the creation 1656, answering to A.C. 2348. On the 10th day of the second month, which was on Sunday, November 30, God commanded Noah to enter into the ark with his family, &c.; and on Sunday,

December 7, it began to rain, and rained 40 days, and the deluge continued 150 days. On Wednesday, May 6, A.C. 2348, the ark rested on Mount Ararat. The tops of the mountains became visible on Sunday, July 19, and on Friday, December 18, Noah came forth out of the ark with all that were with him. He built an altar, and sacrificed to God for his deliverance.

DELUGE OF DEUCALION, called Diluvium Deucalioneum, overflowed Thesaly A.C. 1529, being the third year before the Israelites came out of Egypt.

DELUGE OF OGYGES happened about 269 years before that of Deucalion, 1020 years before the first Olympiad, and A.C. 1796.

The above two deluges have been thought to be the same with that of Noah. The following are also remarkable. The deluge of Syria, which, in 1095, drowned a prodigious number of people; a deluge in Friezland, which, in 1164, covered the whole environs of the coasts, and drowned several thousands of the inhabitants; another inundation in 1218, which destroyed 100,000 men; the inundations in the Netherlands, which, in 1421, overwhelmed and covered with sea all that part between Brabant and Holland; and in 1727, all that now called the Gulf of Dollart.

DELWYDDELAN CASTLE, Caermarvonshire, built, 500.

DEMAVEND PEAK, Persia, first ascended by an European, 1837, or 1838, when its height was ascertained, barometrically, to be 15,000 feet above the sea, and 11,000 feet above the plain of Tehran.

DEMERARA, settlement, South America. This settlement was originally made by the Dutch, in 1745; it came into the possession of the British in 1796; restored to the Dutch at the peace of Amiens in 1802; re-taken by the British, in the following year, and retained until 1814, when it was formally confirmed to them.

1823. Insurrection of the slaves took place on the east coast of the Demerara river, which was finally suppressed, and Mr. Smith, a missionary of the London Society, condemned to death on the charge of inciting the negroes to rebellion. In 1831, the colonies of Demerara, Essequibo, and Berbice, were united into one government, and called British Guyana. See GUYANA.

DEMETRIUS, Prince of Macedon, being treacherously and falsely accused by his brother Perseus, was put to death by King Phillip, A.C. 180.

DEMETRIUS PHALEREUS seized Athens A.C. 317, was banished 307.

DEMETRIUS POLIORCETES changed the oligarchy of Athens, A.C. 307; defeated the army of Ptolemy, 306; took Athens, 296; assassinated Alexander, son of Cassander, 294; the Athenians revolted from him, 287; died in captivity, 286.

DEMETRIUS SOTER, escaped from Rome, and recovered the throne of Syria, A.C. 162, was defeated and killed, 150.

DEMISE OF THE CROWN. A bill was brought in, August, 1840, vesting the full powers of sovereignty in Prince Albert as sole regent, in the event of the death of the queen in child-birth, except with certain limitations. These are the cases of the "succession to the throne, and the preservation of the church, as established by law, by the act of Uniformity of Charles the Second, in England, and afterwards in Ireland, by the act of Union, as fully as it was in England, and likewise the church of Scotland, as established by the law relating to the church of Scotland." There is also a limitation in case of the marriage of the regent.

DEMOCRITUS, the laughing philosopher, died A.C. 361, aged 109.

DEMOIVRE, celebrated mathematician, born 1667, died 1754.

DEMOSTHENES, the celebrated orator of Athens, was born in that city, A.C. 381. At the age of 17, he gave a proof of his eloquence in pleading his own cause against his guardians, from whom he obtained the retribution of the greatest part of his estate. Being convicted of having received a bribe from Harpottus, a discarded officer of Alexander, he was sentenced by the areopagus to pay a fine of £50, and banished. He was recalled from banishment, A.C. 322; poisoned himself, A.C. 313.

Demosthenes has been deservedly called the prince of orators. In his Olynthiacs and Philippics, his object is to excite the indignation of his countrymen against Philip of Macedon, the enemy of the liberties of Greece; and he boldly accuses them of venality, indolence, and indifference to the public good; while, at the same time, he re-

minds them of their former glory, and of their present resources. His orations are animated, and full of the impetuosity of public spirit. His composition is not distinguished by ornament and splendour. It is the energy of thought peculiarly his own, which forms his character, and raises him above his rivals.

DEMPSTER, THOMAS, historian and commentator, died 1625.

DENBIGH, called by the Britons, Cledfryn, yn Rhos, was given by Edwd. I. to David ap Gruffydd, brother to Llewelyn, the last prince of North Wales. He being afterwards beheaded for high treason, it was given to Lacy, earl of Lincoln, who fortified the town with a strong wall, and either built or enlarged the castle, 1280. Here Charles I. found an asylum in his retreat from Chester; and the resistance which the governor made, under William Salisbury, to the parliamentarians, was equal to that of the most faithful loyalists in any other part of the kingdom.

DENBIGH ABBEY, built 1330; castle built, 1280.

D'ENGHIEN, DUKE, the heir presumptive of the house of Bourbon, who had been taken at Ettenheim, on the territory of the elector of Baden, and carried to Paris, was shot at midnight, in the wood of Vincennes, by order of Buonaparte, March 9, 1804.

DENHAM, LIEUTENANT-COLONEL, the African traveller died, 1828. See **AFRICA**.

DENHAM, SIR JOHN, author of "Cooper's Hill," &c., born 1615, died 1668.

DENHAM, THOMAS, M.D., died Nov. 26, 1815.

DENINA, ABBE', author of the "Histories of the Revolutions of Italy and Germany," died 1813.

DENMARK, one of the most ancient monarchies in Europe; the word supposed to signify the land or country of Dan, a king who is believed to have lived about A.C. 1038. The inhabitants were called Danes, as early as the sixth century, A.C., but the chronology of this period is doubtful.

The earliest authentic records are the Danish chronicles, which state, that Schiold, their first king, reigned about A.C. 60. They then mention 18 kings to the time of the famous Ragner Lodbrog, A.D. 750, who was taken and killed in an attempt to invade England. For

nearly 200 years after this period the Danes were a terror to all the northern nations of Europe, and having often landed on the coasts of England, at length conquered the whole island. See **DANES**.

The three sons of Lodbrog at the death of their father divided the kingdoms of Denmark, Sweden, and Norway, among them; and Denmark had again a separate king. Surm, or Surmo, who reigned in 920, was succeeded in 945, by his son Harold Blaataud, who made war on England and France, and attacked Germany. The next sovereign was Sweine Otho, who invaded England: Canute the Great succeeded him in 1017, and filled the thrones of Denmark, England, and Norway.

Valdemar I. obtained the throne in 1157, and died in 1182. In 1195, Canute VI., Valdemar's successor, caused a muster to be made of all the men fit to bear arms in his dominions. In his reign the Danish dominions were enlarged by the entire conquest of Stomar, and the districts of Lubec and Hamburgh. He died in 1202, and was succeeded by Valdemar II., who also proved a very great and warlike prince. In 1218, he undertook an expedition against the Esthonians, to convert them to christianity.

From 1252 to 1333, the kingdom of Denmark gradually declined. But in 1387, Margaret, who was advanced to the throne, raised the kingdom to its highest pitch of glory, and by her address, succeeded in effecting the election of Eric, her adopted son, to be her successor to the crowns of Sweden, Denmark, and Norway in 1412.

About 1448, the crown of Denmark fell to Christian, count of Oldenburg, from whom the present royal family of Denmark is descended. John, the son of Christian, succeeded him in 1481. Christian II. ascended the throne in 1513. In his reign Sweden threw off the yoke in 1521, and Gustavus Vasa was proclaimed king. In 1523, the Danes also revolted, and called Frederic, duke of Holstein, to the throne. The following is a list of the kings from this time:

Frederick I. began	1523
Christian III.	1554
Frederick II.	1559
Christian IV.	1558
Frederick III.	1648

Christian V.....	1670
Frederick IV.	1699
Christian VI.	1730
Frederick V.....	1746
Christian VII.....	1766
Frederick VI.	1808

1801. Denmark joined the confederacy formed by Russia and Sweden against Great Britain. In consequence of this step, the latter sent a formidable fleet into the Baltic. The defeat of the Danes, and the death of the Emperor Paul, dissolved the confederacy, and Denmark resolved, in the subsequent war between France and England, to continue neutral. In 1807, a formidable expedition was sent out by Great Britain, which ended in the taking of Copenhagen, and the seizure of the Danish fleet.

1808. Christian VII. died, and the crown prince was proclaimed king, by the name of Frederick VI. Hostilities between Denmark and Great Britain were carried on with great animosity, and the isles of Heligoland and Anholt taken by the English in 1811.

1813. A war between Denmark and Sweden, which, after various success, was at length terminated by Denmark's acceding to the terms of peace proposed by the crown prince of Sweden and the British government. The principal terms of this peace, which was signed at Keil, January 14, 1814, were, 1. That Denmark should cede Norway to Sweden. 2. That Sweden should give up Swedish Pomerania to Denmark. 3. That Stralsund should be a depôt for British goods. 4. That Great Britain should restore all she had conquered from Denmark, except Heligoland. 5. That the Danish government should abolish the slave trade. And lastly, That Sweden and Great Britain should use their endeavours to bring about a peace between Denmark and the rest of the allied powers.

1831. Frederick, king of Denmark, issued a proclamation promising a new constitution to his kingdom and the duchies of Sleswick and Holstein, including a provision for a system of representative local councils.

1835. In the course of this year, the king voluntarily created a representative body, under the name of the royal council, which assembled for the first time at Copenhagen, October 1. The electoral system was explained in the opening address of the royal commissioner. His majesty ordained that certain men, freely

chosen by their fellow-subjects, should assemble at stated periods, in order to deliberate on the interests of the country, preparatory to the framing of royal decrees respecting those interests.

DENMARK, GREAT FESTIVAL AT, in 1826, to commemorate the introduction of christianity, which happened a thousand years previous.

DENNIS, JOHN, celebrated critic, born 1657, died 1733.

DENON, BARON DOM. VIVANTE, a French painter, one of the literary companions of Buonaparte in Egypt, and author of the "Travels;" born 1747, died 1825.

DEPTFORD was only a village until the erection of docks and of the Trinity House here by Henry VIII. The docks suffered from fire in 1652, and from an inundation in 1671. The Trinity House, in 1787, was removed to Tower Hill, London.

Charles I., at his own expense, replaced the old wooden bridge over the Ravensbourne in 1623 with one of stone. Deptford has frequently suffered from fires. There was a destructive one which destroyed the Victualling Office, and two lighters in the river, January 16, 1749; the Store House, September 2, 1758; the Red House, February 26, 1761; and the King's Mill, December 1775.

DERBEND, a town in Asiatic Russia, government Circassia, supposed to have been built by Alexander the Great. It is defended by numerous towers, and enclosed by lofty walls. It was taken by the Russians in 1722, in defiance of 230 pieces of cannon that were then mounted on the walls, and retained until 1735. It subsequently was taken and retaken by the Russians and Persians up to 1806, when the former finally established themselves here.

DERBY was founded by the Anglo-Saxons, and was a royal borough, with peculiar privileges, in the reign of Edward the confessor. It obtained its first charter from Henry I. The Danes settled here, and were driven out by Ethelfreda, daughter of Alfred the Great. In December, 1745, Charles Edward Stuart having reached this place, thought it advisable here also to commence that retreat which terminated in the battle of Culloden.

DEREHAM, EAST, Norfolk. The church, made parochial in 798, belonged to a nunnery founded by Withburga,

natural daughter of Anna, king of East Anglia, and destroyed by the Danes. Bonner, bishop of London, was one of the rectors of this parish. Cowper, the poet, was interred here in 1800.

DERG, LOUGH, Ireland, contains several small islands, in one of which stands St. Patrick's purgatory, still visited annually by Roman catholic pilgrims. A religious establishment was founded here about 492, and the purgatory was constructed in the 11th century by the canons regular of St. Augustine. Amongst the most eminent of the pilgrims to this shrine were Maletsta Ungavs, a foreign knight, in 1358; Nicholas de Beccario, a nobleman of Ferrara, in the same year; and in 1397, Raymond, Viscount de Perilleux and knight of Rhodes. Pope Alexander VI. ordered the purgatory to be demolished upon St. Patrick's day, 1497, and in 1630, the Irish government directed that the building should be razed. It has, however, been restored in a rude manner, and stations continue to be performed here on the patron's day.

DERHAM, DR. WILLIAM, a divine of the church of England, born in 1657. In 1711 and 1712 he was appointed preacher at Mr. Boyle's lectures, and in the following year he published the sermons he had delivered, under the title of "Physico-Theology, or Demonstration of the Being and Attributes of God from his works of Creation;" and "Astro-Theology, or a Demonstration of the Being and Attributes of God from a Survey of the Heavens." He died in 1735.

DERMODY, THOMAS, a youthful poet, but whose extraordinary attainments and genius protected him from want and poverty no more than those of Otway, Chatterton, Boyse, and others. He died in 1802.

DERMOT, king of Leinster, called in the assistance of the English against the other Irish princes, which led to the conquest of Ireland by Henry II., 1171.

DERRICK, SAMUEL, master of the ceremonies at Bath, died 1769.

DERWENTWATER, EARL OF, and Lord Kenmuir, beheaded on Tower-hill, February 24, 1716.

DESAGULIERS, JOHN THEOPHILUS, a divine, and experimental philosopher, was born at Rochelle, in France, 1683. On account of the revocation of the edict of Nantz in 1685, he was early

brought to England. In 1712 he was elected a fellow of the Royal Society, and in 1716 was made chaplain to the duke of Chandos, who presented him to the living of Edgware. From this period he was indefatigable in his experiments in natural philosophy. He took his degree of doctor of laws at Oxford in 1718; and in 1734, published, in two volumes, quarto, "A Course of Experimental Philosophy." After this he edited Dr. Gregory's "Elements of Catoptrics and Dioptrics." In 1742 he published a Dissertation on Electricity, which contained every thing that was known on the subject at that time. He died in 1749.

DESAULT, J. P., a celebrated surgeon, born 1744, died 1795.

DESBARRES, BONAVENTURE, a French privateer, born 1700, died 1729.

DESCARTES, RENE', an eminent French mathematician and philosopher, was born at La Haye, in Touraine, in 1596. In 1616 he engaged as a volunteer among the prince of Orange's troops. During the encampment of the army at Breda, he solved a problem in mathematics. In 1628 he returned to Paris, and at an assembly of men of learning explained his sentiments with regard to philosophy, which he afterwards published in a systematic form. He made a short tour to England, and not far from London made some observations concerning the declination of the magnet. His works excited much attention both in France and Holland, and Voetius being chosen rector of the university of Utrecht, procured his philosophy to be prohibited. In 1647 he took a journey to France, where the king settled a pension of 3000 livres upon him. Christina, queen of Sweden, having invited him into that kingdom, proposed to allow him a revenue, and to form an academy, of which he was to be the director. But these designs were broken off by his death, in 1650. His philosophy, though no better than an ingenious romance, prevailed for more than a century, but has now given way to the more accurate discoveries and demonstrations of the Newtonian system.

DESEADA, ISLE OF, West Indies. It was the first of the Caribbean islands seen by Columbus on his second voyage in 1494.

DESHOULIERES, ANTHONY, a French writer, born 1638, died 1694.

DESMARES, ANSELME GALTANS, professor of Zoology at the Royal Vete-

inary College of Alfort; author of several works on Fossil Zoology and Botany, died 1839.

DESMOND, THOMAS, Earl of, beheaded in Ireland, 1468.

DESOLATION, ISLAND OF, the first land south of India, discovered by Kerguelen, 1772, and called by his name. Subsequently called Desolation by Captain Cook.

DESPARD, COLONEL, and six associates, executed in Southwark, for high treason, Feb. 21, 1803.

DESSALINES, the negro chief of St. Domingo, massacred the white inhabitants of that island, 1803, was crowned king of Hayti, Oct. 8, 1804. His government was marked by arrogance and folly, as well as by treachery and cruelty. At length, after a miserable reign, his officers, convinced of his inability, disgusted at his follies, and wearied with his cruelties, resolved on cutting him off, and electing another chief in his stead: this was effected in Oct. 1806.

DETROIT, city, North America. The settlement was made by the French, in 1683. The town was destroyed by fire in 1805, but rebuilt and improved immediately. It was taken by the English in 1812, but restored to the Americans, in whose possession it remains.

DETTINGEN, town, in the south of Germany. George II. of England, in person, gained a victory over the French at this place, in 1743.

DEUCALION, reigned at Thermopylæ, A.C. 1548; his deluge 1503.

DEVEREUX, ROBERT, earl of Essex, the favorite of Queen Elizabeth, was born at Netherwood, in Herefordshire in 1567. In his 17th year he was introduced at court, and in 1588, accompanied the queen to Tilbury, to resist the Spanish invasion. In 1596, he was appointed joint commander with Lord Howard in an expedition to the coast of Spain. In this expedition, which makes a considerable figure in English history, Lord Essex distinguished himself and acquired much popularity. A conspiracy was formed against the person of the sovereign, which being discovered, Lord Essex and others were apprehended under a charge of high treason, and he was executed, Feb. 25, 1601.

The memory of Lord Essex has been always popular, and his untimely end has been the subject of four different tragedies. The queen, after the unfor-

tunate death of her favorite, gave herself up to melancholy. She had given him a ring during the height of his favour, as a pledge, on the return of which she promised to pardon any offence he might commit. This ring, it is believed, the unhappy man entrusted to his relation the countess of Nottingham, who was not suffered by her husband, the capital enemy of Essex, to deliver it.

DEVEREUX, ROBERT, son of the preceding, born 1592, died 1646.

DEVIS, ARTHUR WILLIAM, an English landscape painter (one of the Antelope crew, wrecked on the Pelew Islands,) born 1762, died 1822.

DEVIZES. A charter was granted to this town by the Empress Maud, confirmed by Henry II. and several of his successors, and renewed by Charles I. In 1643, the parliamentary army was defeated at Boundway Hill near this town, by King Charles's forces.

DEVIZES CASTLE, built 1136.

DEVON, county, England. Before the Roman conquest it was inhabited by a tribe called the Damonii; under the Romans it was included in the province of Britannia Prima. It was frequently the scene of bitter contests between the ancient Britons and the Saxons. At the Norman conquest, Exeter withstood a regular siege before it submitted to the conqueror. During the war of Charles I.'s reign, this county was most devoted to the royal cause, and was the theatre of several military transactions. In 1688, William prince of Orange, landed at Torbay in this county.

DEVONPORT, OR PLYMOUTH DOCK, received its origin from the dockyard, the foundation of which was laid by William III. Devonport is comparatively of recent date, and derived its present name from George IV. to whom the inhabitants applied, in 1824, for a new and appropriate appellation for their town. Erected into a borough in 1832.

DEVONSHIRE HOUSE, Piccadilly, destroyed by fire, 1733.

DEW, (Gory.) Mr. Burnet, in his "Outlines of Botany," says, that during 1831, and 1832, at Oxford, he frequently found this phenomenon (a phenomenon of no unfrequent occurrence in many other places) in damp situations, forming on the ground or stones, broad indeterminate patches of a deep rich purple colour, with a shining surface, as if blood or red wine had been poured over

the stone or ground. During dry weather it contracts, grows dull, and disappears; but after rain, it spreads anew, and resumes its sanguine colour. It is produced by the red snow plant, and its history affords an easy explanation of a phenomenon considered supernatural by monkish chronicles.

DE WITT, JOHN and CORNELIUS, two Dutch statesmen and patriots, who, after spending their lives in the service of their country, were torn to pieces by an Orange mob, in 1672.

DEWSBURY, a town in Yorkshire. On the top of the parish church there is a cross bearing this inscription, "Hic Paulinus prædicavit et celebravit, A.D. 627."—a memorial of the preaching of the missionary Paulinus, the first archbishop of York, by whose means Dewsbury became the common centre of christianity, which spread over an extensive district to the west, and was the mother church of several parishes, which still acknowledge their dependence.

DIAL, SUN. The earliest upon record is that of Ahaz, A.C. 740, mentioned in Isaiah xxxviii. 8. Anaximenes and Thales made dials; and Vitruvius informs us that Berosus the Chaldean constructed one on a reclining plane, nearly parallel to the equator. The first sun-dial in Rome was set up by Papyrius Cursor, near the temple of Quirinus, A.C. 293; this proving inaccurate, another was brought from Sicily, about A.C. 263, by M. Valerius Messala, and placed on a pillar near the Rostrum; this not being adapted to the latitude, was likewise found to be defective; at length, about A.C. 163, Martius Philippus erected one which pointed out the divisions of time with more exactness.

DIALLING. Although dials were constructed during the eighth century before Christ, there was no treatise written by the ancients on the art. The first work of this kind was that by Clavius the Jesuit, composed towards the end of the 16th century. M. Picard gave a new method of making large dials, by calculating the hour-lines; and M. de la Hire, in 1680, effected the same thing geometrically, from certain points found by observation. Before this, Eberhardus Welperus had laid down a method of drawing the primary dials on an easy foundation; but his method had been anticipated for more than 70 years,

by Sebastian Munster. A new edition of Welperus's Dialling was published by Sturmius in 1672, with the addition of a second part, on inclining and declining dials; which work, together with the improvements of Sturmius, and the methods of Picard and De la Hire, above mentioned, was republished in 1709. Other writers on the subject, of more recent date, are Gauppeu, Leyburn, Bion, Wells, Deparceux, Ferguson, Emerson, Jones, &c.

DIAMOND. From the remotest antiquity this has been considered as the most costly substance in nature. The diamond was first found in Asia, where it is still collected, although not in such quantities as formerly. The art of cutting and polishing diamonds was probably known to the artists of Hindoostan and China, at a very early period. European artists, until the 15th century, were of opinion that it was impossible to cut the diamond. In 1456, a young man named Louis Berghen, a native of Bruges, endeavoured to polish two diamonds, by rubbing them against each other. He found that, by this means, a facet was produced on the surface of the diamond; and in consequence of this hint, constructed a polishing wheel, on which, by means of diamond powder, he was enabled to cut and polish this substance, in the same way as other gems are wrought by emery.

1730. The Rio Janeiro fleet brought to Europe 1146 ounces of diamonds, the produce of Brazil; in consequence of which the price of this article immediately fell three-fourths.

The following are some of the most remarkable diamonds hitherto discovered:—one weighing 1680 carats, in the possession of the royal family of Portugal, which was found in Brazil. This is now, however, generally believed, to be a fine white-coloured topaz. The largest of the undoubted diamonds is, that mentioned by Tavernier, as in possession of the great mogul; its weight is $279\frac{2}{16}$ carats: its form and size are equal to about half a hen's egg. It was found in the mine of Coulour, to the east of Golconda, about the year 1550. The magnificent diamond on the top of the sceptre of the emperor of Russia, is perfectly pure; weighs 195 carats; and is the size of a pigeon's egg. It was one of the eyes of a Brahminical idol, and was stolen by a French grenadier; it was pur-

chased by the Empress Catharine of Russia, for about £90,000 ready money, and an annuity of about £4000 more. The Pit or regent diamond is cut in the brilliant form, and is said to be the most beautiful diamond hitherto found; it weighs $136\frac{3}{4}$ carats, and was purchased for £130,000, although it is now valued at double that sum. It was brought from India by an English gentleman of the name of Pit, and was sold by him to the regent, duke of Orleans, by whom it was placed among the crown jewels of France.

DIAMOND MINES have been found in the East Indies, principally in the kingdoms of Golconda, Visapour, Bengal, and the island of Borneo. That of Sumbulpour, a large town in the kingdom of Bengal, is the most ancient; that at Golconda was discovered in 1584; that at Coulour in 1640. The mines of Brazil were discovered in 1730, and let to a company at Rio Janeiro in 1740.

DIAMONDS, NINE OF, called the curse of Scotland, from a Scotch member of parliament, part of whose family arms is the nine of diamonds, voting for the introduction for the malt tax into Scotland.

DIAZ, BARTHOLOMEW, a distinguished Portuguese navigator, discoverer of the Cape of Good Hope, was employed by King John II. of Portugal, in prosecuting discoveries on the coast of Africa. In 1486, after tracing nearly a thousand miles of new country, he came in sight of that cape, which, on account of the trouble which he had undergone in the voyage, he named Stormy Cape. He returned to Lisbon in December, 1487, died 1512.

DIBDIN, CHARLES, celebrated writer of humorous songs, died July 25, 1814.

DIBDIN, CHARLES, son of the preceding, for many years author and manager of several London theatres; died Jan. 12, 1833. The printed works of the younger Charles are, "Claudine," a burletta, 8vo., 1801; "The Great Devil," a spectacle, 8vo. 1801; "The Song-smith; or, Rigmarole Repository," 18mo. 1802; "Mirth and Metre," poems, 8vo. 1807; also, without date, "Goody Two Shoes," a pantomime; "Barbara Allan;" and the "Old Man of the Mountains."

DICE, invented A. C. 1500; 3000 pair stamped in England A. D. 1775.

DICKSON, SIR ALEXANDER, a dis-

tinguished military officer, and the companion in arms of the duke of Wellington. He received his education at the Royal Military Academy at Woolwich, and obtained his first commission in the royal artillery, in the year 1794; first lieutenant, March 6, 1795; captain, Oct. 14, 1801; brevet major, February 6, 1812; regimental major, June 26, 1823; brevet lieutenant-colonel, April 27, 1824; regimental lieutenant-colonel, April 2, 1825; brevet colonel, May 27, 1825; regimental colonel, July 1, 1836; major-general, Jan. 10, 1837; deputy adjutant-general, April 10, 1837.

Sir Alexander commenced his active services at the capture of Minorca, in 1798. He was at the blockade of Malta, and surrender of La Valetta, 1800; capture of Montevideo and attack on Buenos Ayres, 1807; served throughout the campaigns of the Peninsula, France, and Flanders, including, in 1809, the capture of Oporto, and expulsion of Marshal Soult from Portugal: in 1801, at the battle of Busaco and lines of Lisbon; in 1811, affair at Campo Mayor; siege and capture of Olivenca; first and second siege of Badajoz, and battle of Albuera: in 1812, siege and capture of Ciudad Rodrigo; siege and capture of Badajoz; attack and capture of the forts of Almarez; siege and capture of the forts, and battle of Salamanca; capture of the Retiro, Madrid, and siege of Burgos: in 1813, battle of Vittoria; siege and capture of St. Sebastian; passage of the Bidassoa; battles of the Nivelles and Nive: in 1814, passage of the Adour, and battle of Toulouse; served in the last American war, including the attack on New Orleans, and siege and capture of Fort Bowyer, Mobile; present in the battles of Quatrebras and Waterloo; commanded the battering train in aid of the Prussian army, in the siege of Mauberg, Landrecies, Philippeville, Marienberg, and Rocroy: he also received six clasps in addition to his hard-earned honours for nearly 17 years' constant employ before an enemy. He died in April, 1840.

"Amid the host of heroes distinguished in the late wars, few have stood more conspicuous for that noble, daring, cool and determined courage which marks the warrior and the man; and we may venture to affirm, if actions bespeak desert, Sir Alexander Dickson had nobly won the decorations which nearly covered his breast, for having been

33 times engaged with the enemies of his country in various quarters of the globe."

The funeral took place with unusual military honours, April 28, at Plumsted, in Kent. It was attended by an immense concourse of visitors, from all parts of the metropolis. The burial service having been gone through, the corpse was carried from the church on the shoulders of privates of the artillery corps, who had supported the deceased in many a hard-fought field, to its last resting place. The whole of the troops forming the Woolwich garrison, including the horse and foot artillery, the royal marines, the royal regiment of sappers and miners, and the 29th regiment of light infantry, the cadets of the royal military college, and all the staff, civil, military, and medical, were drawn up in line, in front of the Royal Artillery Barracks.

DICTATOR, a Roman magistrate, chosen by the senate, invested for the term of six, and sometimes twelve months, with supreme authority. This officer was first chosen during the Roman wars against the Latins, but was afterwards resorted to on any emergency. The dictatorship was originally confined to the patricians; but the plebians were afterwards allowed to share it. Titus Lartius Flavius was the first patrician dictator, A.C. 498. The first dictator, chosen from among the people, was C. Marcus Rutilius, A. C. 355. After the battle of Thrasymenus, A. C. 217, which was the third defeat of the Romans, by Hannibal, Q. Fabius Maximus, was elected prodictator. He was the only one whose greatness of soul corresponded to the dignity of the office. Sylla was appointed perpetual dictator A.C. 84, who exercised the office in a most tyrannical manner. Cæsar was the last dictator; for Antony, in A.C. 44, abolished this office, and in doing it, he reserved the honour of this action entirely to himself.

DIDEROT, **DENYS**, an eminent French writer and philosopher, was born at Langres, in 1713. In 1745, in conjunction with D'Alembert, he laid the foundation of the "Dictionnaire Encyclopedique." The first edition was completed between the years 1751 and 1767. During this time he composed several other works; "Thoughts on the Interpretation of Nature," 1754; "The Code of Nature," 1755; "Le Fils Naturel," 1757; and "Le Pere de Famille," 1758.

At the conclusion of the "Dictionary," he sold his library to the empress of Russia, for 50,000 livres; and he was to have the use of it during his life. He died suddenly, as he rose from table, on July 31, 1784.

DIEBITSCH, the Russian general commander of the forces against the Poles, crossed the Balkan, June 19, 1830; died of the cholera morbus, June 10, 1831. He was succeeded in his command by General Paskewitch.

DIEPPE, a town of France, was bombarded by the British in 1694, and in 1794.

DIERNSTEIN, a town in the Austrian empire. Richard I. of England, returning from the Holy Land, was discovered and basely arrested and imprisoned at this place in 1194, by Leopold, duke of Austria. An engagement took place here, in 1805, between the French on one side, and the Russians with the Austrians on the other, in which victory was claimed by both sides.

DIEU ET MON DROIT, God and my right, the motto of the royal arms of England, first assumed by King Richard I. after a victory over the French in 1194. It was afterwards taken up by Edward III., and was continued without interruption to the time of King William III., who used the motto "Je maintiendray." After him Queen Anne used the motto "Semper eadem," which had been used before by Queen Elizabeth; but ever since Queen Anne, "Dieu et mon droit" continues to be the royal motto.

DIGBY, **SIR EDWARD**, born 1581. Hanged with other conspirators in the gunpowder plot, January 30, 1606.

DIGEST of Justinian, published, December 30, 529. See **CIVIL LAW**.

DIGGES, **SIR DUDLEY**, statesman, born 1583, died 1639.

DIGNUM, **CHARLES**, popular singer, was born at Rotherhithe, 1765. In 1784, he made his *debut* in the character of Young Meadows. His histrionic talents were not great; yet, from his vocal powers, he for many years held a respectable situation at the theatre. He died March 29, 1827.

DILLENIIUS, **JOHN JAMES**, professor of botany at Oxford, born 1687; published his "Hortus Elthamensis," 1732; died 1747.

DIMORPHISM. Among the important labours of the British Association

in 1837, and printed in the society's volume of reports, is a paper by Professor Johnston, on this new and curious subject of chemical inquiry. The discovery that there exist definite chemical substances, which are capable of assuming more than one crystalline form, not deducible from, nor referable to, each other, accompanied with different physical properties; and, that there are substances which are capable (independently of any change of composition,) of undergoing some internal transmutation sufficient to vary even their chemical affinities: these are discoveries which peculiarly deserve to be verified and extended. The report on Dimorphism, printed in this volume, gives a fuller statement on this subject than was before possessed.

DINARCHUS, the Athenian orator, flourished A.C. 313.

DINDIGUL, town and district, Hindoostan, in the Carnatic, was subdued by the Mysore government in 1757;

seized on by the British in 1783, and, finally ceded to them by Tippoo, in 1792.

DINOCRATES, the mathematician, flourished A.C. 332.

DIOCESE, OR **DIOCESS**, the circuit, or extent, of the jurisdiction of a bishop. The first arrangement of the empire into dioceses is ordinarily ascribed to Constantine, who first divided the whole Roman state into four; afterwards into 13 dioceses, or prefectures. On this civil constitution the ecclesiastical one was regulated. England, with regard to its ecclesiastical state, is divided into two provinces, viz.—Canterbury and York. The former province contained 21 dioceses, and the latter three. See **BISHOP-RICKS**. In 1836 some changes were effected in the dioceses.

The following table shows the condition of the several dioceses in England and Wales, with reference to the number of benefices and to the population, before the alteration:—

PROVINCE OF CANTERBURY.

Dioceses.	Number of Benefices.	Population.
Canterbury	343	402,885
St. Asaph	131	197,392
Bangor	124	153,344
Bath and Wells	441	403,908
Bristol	254	263,328
Chichester	267	236,950
St. David's	407	372,685
Ely	149	126,316
Exeter	611	773,251
Gloucester	281	275,806
Hereford	256	207,451
Lichfield and Coventry	606	983,783
Lincoln	1,234	855,039
Llandaff	192	183,990
London	635	1,688,899
Norwich	1,021	692,163
Oxford	209	139,581
Peterborough	290	186,193
Rochester	94	196,716
Salisbury	386	320,547
Winchester	416	780,214
Worcester	212	357,548

PROVINCE OF YORK.

York	891	1,463,503
Carlisle	127	127,701
Chester	554	1,902,354
Durham	146	452,637

The following is the present condition of the several dioceses, with reference to the number of benefices, and to population, according to the alterations settled by parliament, 6 and 7 Will. IV. c. 77 August, 1836. See CHURCH.

PROVINCE OF CANTERBURY.		
Dioceses.	No. of Benefices	Population.
Canterbury.....	381	423,069
St. Asaph and Bangor.....	253	339,450
Bath and Wells.....	441	493,908 unaltered
Chichester.....	267	236,950 unaltered
St. David's.....	391	365,646
Ely.....	554	393,347
Exeter.....	611	773,251 unaltered
Glocester.....	363	324,198
Hereford.....	264	218,392
Lichfield.....	459	612,555
Lincoln.....	780	506,745
Llandaff and Bristol.....	233	303,875
London.....	244	1,746,504
Norwich.....	809	568,285
Oxford.....	523	388,043
Peterborough.....	498	394,567
Rochester.....	536	471,813
Salisbury.....	398	315,405
Winchester.....	391	495,846
Worcester.....	355	573,020
PROVINCE OF YORK.		
York.....	595	583,132
Carlisle.....	285	435,432
Chester.....	246	462,506
Durham.....	152	459,964
Manchester.....	205	1,208,533
Ripon.....	153	739,748

DIOCLETIAN, the Roman emperor, born of an obscure family in Dalmatia, 245. At the death of Numerian in 284, he was invested with imperial power. He was bold and resolute, active and diligent; but his cruelty against the followers of christianity has been deservedly branded with infamy. After he had reigned 22 years, he publicly abdicated the crown at Nicomedia in 305, and retired to a private station at Salona. He died in 314, in the 68th year of his age. His bloody persecution of the christians forms a chronological era called the era of Diocletian, or of the martyrs. It commenced Aug. 29, 284.

DIODORUS, the Peripatetic philosopher, flourished A.C. 141.

DIODORUS SICULUS, the historian, was a native of Agyrium in Sicily, and flourished A.C. 44.

DIOGENES, the Cynic, born at Sinope in Pontus A. C. 414. He is said to have lodged in a tub; and had no other moveables besides his staff, and wooden bowl. The time and manner of his death are not satisfactorily ascertained. It is most probable that he died at Corinth, of mere decay, in the 90th year of his age, in the first year of the 114th Olympiad, A.C. 324.

DIOGENES, surnamed the Babylonian, from the vicinity of Seleucia, his native place, to Babylon, was a stoic philosopher, who flourished in the second century, A.C.

DIOGENES, LAERTIUS, so named from the place of his birth; he is supposed by some to have flourished A. C. 147, about the time of the Antonines. Others have thought that he lived under Severus and his successors, and that his book of the "Lives of the Philosophers," &c., was written about A.C. 210.

DIOGENES, APOLLONIATES, a native of Crete, and a philosopher of the Ionic sect, flourished about the 17th Olympiad, or 500 years A.C.

DION CASSIUS, author of the "History of Rome," flourished A. C. 229.

DIONYSIUS I., called the tyrant of Syracuse, from a private secretary became a general, and afterwards assumed the title of king of Syracuse, A.C. 404. His reign was one continued act of tyranny. He was likewise a poet; and having, by bribes, gained the tragedy prize at Athens, he indulged himself so immoderately at table from excess of joy, that he died of the debauch, A.C. 368.

DIONYSIUS II., son and successor of the preceding, was also a great tyrant. During his reign he so grievously oppressed his subjects, that they applied to the Corinthians for succour; and Timoleon, their general, having conquered the tyrant, he retired to Corinth, A. C. 357; but reascended the throne, A.C. 350. He died A.C. 343.

DIONYSIUS HALICARNASSENSIS, a celebrated historian, was born at Halicarnassus; and went to Rome after the battle of Actium, A.C. 39, where he stayed 22 years, under the reign of Augustus. He there composed, in Greek, his "History of the Roman Antiquities," in 20 books, of which the first 11 only are now extant. The best edition of his work is that of Oxford, 1704.

DIONYSIUS, surnamed Exiguus, or the Little, on account of his short stature, was a native of Scythia, flourished under Justinian towards the beginning of the sixth century, and died, according to Cave, before the year 556, or, according to Blair's Tables, in the year 540. He is said to have been the author of the vulgar christian epocha, and to have invented the Cycle of Easter, ascribed by others, to Victor, or Victorinus.

DIONYSIUS PRIORY, Hants, built, 1124.

DIOPHANTUS, a celebrated mathematician of Alexandria, and inventor of

the Diophantine problem, flourished at a period which has not been precisely ascertained. According to Abulpharagius, it was under the emperor Julian, or towards the year 366. His work in six books, was first published at Basil, by Xylander, in 1575, in a Latin version. The same books were afterwards published in Greek and Latin, at Paris, in 1621.

DIOPTRIC LIGHT, at Kirculdy Harbour. This consists of an annular lens, on a new principle, recently invented by Edward Sang, Esq., engineer. On April 25, 1838, was read before the Edinburgh Society of Arts, the Report of a Committee, on the newly-erected light, which states as follows:—"Mr. Sang's invention of grinding annular surfaces of any form by means of cutters attached to a moveable arm, whose end is guided by a spring uncoiling itself from the evolute of the curve surface which the lens requires, is novel and ingenious, and if equally applicable to the construction of instruments requiring great accuracy of form, promises to be extensively useful. The mode of giving any required direction to the scratches, or small indentations made in the process of grinding is very simple, and consists partly in reversing the motion of the cutter, or of the chuck on which the lens is placed, and partly in altering the ratio of the velocities of the surfaces in contact. Any degree of obliquity in the direction of the scratches may, in this way, be produced, both from right to left, and from left to right, and thus every possible variety in their direction must be the result; so that the whole effect ordinarily produced by crossing the motions in the usual grinding process may be obtained."

DIORAMA. This well-known exhibition, which is a modification of the panorama, was first opened in London in 1822, in a building appropriated to that purpose near the Regent's Park, and has continued to present a series of the most interesting illusions. The two which were first exhibited were, the Valley of Sarnen, and part of Canterbury Cathedral. Next followed the Cathedral of Chartres, and Brest Harbour. Among others which followed were, Holyrood Chapel by moonlight, Roslyn Chapel, the city of Rouen, St. Cloud, and the environs of Paris.

The British diorama, in Oxford Street,

another exhibition on a similar plan, opened about 1830, has presented some good views painted by Messrs. Stanfield and Roberts. This building was destroyed by fire, May 27, 1829, which broke out in the afternoon while attended by company. The damage estimated at £50,000.

DIPLOMATICS, the science of diplomas, or of ancient literary monuments, public documents, &c., is chiefly confined to the middle ages, and the first centuries of modern times. It owes its origin to a Jesuit of Antwerp, named Papebroch, who applied himself to the research and exposition of old diplomas, about the year 1675.

DIPPING NEEDLE, or Inclinatorial Needle, a magnetical needle invented by Robert Norman, a nautical instrument maker, about 1570. Its peculiar property is, that when properly suspended, instead of vibrating horizontally, the north point declines downwards below the horizon, and consequently the south point is elevated as many degrees above it. In 1576, Mr. Norman found the dip at London to be $71^{\circ} 50'$; but in 1723, Mr. Graham made it between 74° and 75° ; however, Mr. Nairne, in 1772, found it somewhat above 72° ; and the Royal Society, by taking the mean of a number of observations made since that time, have fixed it at $72\frac{1}{4}^{\circ}$.

DIRLETON, a village of Scotland. The castle, built in the 13th century, belonged to the family De Vallibus; on the invasion of Scotland by Edward I. it submitted to Beck, bishop of Durham, and in 1650 was taken by Lambert.

DISAPPOINTMENT ISLES, Polynesia first seen by Commodore Byron, 1765.

DISIER, or **DIZIER**. St. a town of France. In 1544, this place was besieged by the emperor Charles V. A battle was fought here between the French and allied armies in 1814.

DISPENSARY, benevolent institutions for the relief of the sick poor, which had their origin at the close of the last century. They are too numerous to name in the limits of our work.

DISPENSATION, first granted by the pope 1200.

DISSOLUTION OF MONASTERIES, by acts passed in the reign of Henry VIII., to the value of £273,000 per annum, equal now to nearly £3,000,000. See **MONASTERIES**.

DISTAFF SPINNING, first introduced into England by Bonavera, an Italian, 1505.

DISTILLATION of spirituous liquors first brought into Europe by the Moors of Spain, about 1550: they learned it of the African Moors, who had it from the Egyptians; and the Egyptians are said to have practised it in the reign of the emperor Dioclesian, though it was unknown to the ancient Greeks and Romans. See **SPIRITS**.

D'ISTRIA. See **CAPO D'ISTRIA**.

DISTURBANCE OF THE SOIL. Feb. 2, 1838, a remarkable phenomenon took place near Sassari, island of Sardinia, in the valley called Baddi Partusu, in a space of about 500 square paces. Some hundreds of olive, and other trees were torn up by the roots, broken, and thrown to a great distance. New rocks appeared which had not been before seen, and the whole rocks presented wide and deep clefts. An enormous piece of rock, nearly 100 feet long, and 50 in width and thickness, was displaced, and the whole of the ground appeared to have been lifted up and torn. The inhabitants say it was accompanied by a great noise, but no cause has as yet been discovered for this disturbance.

DITTEAH, a town of Hindoostan. In the reign of Aurungzebe, was the capital of a Bondelah chief; in 1804, the rajah of Ditteah was admitted under British protection, and in 1818, the Chourassy district was added to his territory by the British.

DIVING BELL. There have been various machines contrived, to render diving safe and easy. In the time of Aristotle divers used a kind of kettle, which enabled them to continue longer under water; but the manner in which it was employed is not clearly described. The oldest information of the use of the diving-bell in Europe is that of John Taisnier, who was born at Hainault in 1509. He relates that at Toledo, in the presence of the emperor Charles V. and several thousand spectators, he saw two Greeks let themselves down under water in a large inverted kettle, with a burning light, and rise up again without being wet. This art was then new to the emperor and the Spaniards, but after this period the use of the diving-bell seems to have become better known.

In the 16th century, the diving-bell was sometimes employed in great under-

takings. When the English in 1588, dispersed the armada of Spain, some of the ships were wrecked on the western coast of Scotland, and several attempts were made to procure part of the lost treasure. In 1665, a person brought up some cannon. In 1683, William Phipps a native of America formed a project for searching a rich Spanish ship sunk on the coast of Hispaniola, but this failed. In 1687, he tried his fortune once more in a ship of 200 tons burden. After many unavailing attempts, he at length succeeded in bringing up, from the depth of six or seven fathoms, treasure amounting to £200,000 sterling.

In England several companies were formed, and obtained exclusive privileges of fishing up goods on certain coasts, by means of divers. The most considerable of these was that in 1688, at the head of which was the earl of Argyle. Many important improvements have been since made in this machine by Halley, Spalding, &c., about the beginning of the 18th century. In 1774, an ingenious mechanic, named Day, invented a machine for continuing under water a considerable time, and made his first attempt in the Broads, near Yarmouth. He fitted a Norwich market-boat for this purpose, and sunk himself 30 feet under water, where he continued during the space of 24 hours. Afterwards, on June 28, he went down 100 feet in a small ship, but not making allowance for the increased pressure of the water at that depth he perished.

1840. Several further improvements have been recently made in the diving machine. The most complete in principle is that now exhibiting at the Polytechnic Institution, Regent Street. It is constructed of cast-iron, and weighs three tons; is about one-third open at the bottom, and has a seat around for the divers: it is lit by 12 openings, of thick plate glass, secured by brass frames screwed to the bell; six of these lights being triangular, and in the crown, and six square, in the side. The bell is "suspended by a massive chain to a large swing crane with a powerful crab, the windlass of which is grooved spirally; the chain passes over four times into a well beneath, and to it are suspended the compensation weights," which by acting upon the spiral shaft, accurately counterpoise the bell at all depths. It is supplied, by two powerful pumps of

eight-inch cylinder, with air, conveyed by a leather hose to any depth. The bell is constructed with all the improvements which modern science has suggested: the engineers being Messrs. Cottam and Hallan. The bell is put into action several times daily: it will contain four or five persons seated; each pays one shilling for a descent; and so universal is the public curiosity, that ladies and children are frequently occupiers of the seats.

DOBSON, WILLIAM, an eminent English portrait painter, born 1610, died 1646.

DOCKS, or artificial basins for the reception of ships, are of two sorts, wet and dry. Wet docks are of modern invention, generally constructed with gates to retain the water. Their construction has done much to facilitate and promote navigation.

LIVERPOOL DOCKS. These were the earliest wet docks in the British empire. The first was constructed in pursuance of an act of parliament obtained in 1708. A second was opened there about the middle of the last century; and since that period many more have been constructed, some of them on a very magnificent scale, and furnished with all sorts of conveniences.

HULL DOCKS. These are considerable, occupying, inclusive of their basins, an area of 26 acres. The earliest is situated on the Humber, and was formed under the authority of an act passed in 1774. It is about 480 yards long, and 88 yards wide, containing nearly 10 acres, and will accommodate about 130 vessels at a time. In 1832, there belonged to this port 557 registered vessels, of the aggregate burden of 68,892 tons. The port of Goole has latterly drawn off some portion of the trade of Hull. It has two wet docks, and a basin, constructed about 1830.

DOCKS ON THE THAMES. *The West India Docks* were the first, and continue to be the most extensive of the great warehousing establishments formed in the port of London. The act for establishing the West India Dock Company was passed July 12, 1799. Their original capital was £500,000, which they were empowered to increase to £600,000. The construction of the docks commenced in Feb., 1800, and they were partially opened in August, 1802. They originally consisted of an import and export

dock, each communicating, by means of locks, with a basin of five or six acres in extent, at the end next Blackwall, and with another of more than two acres at the end next Limehouse; both of these basins communicate with the Thames. To these works the West India Dock Company have recently added the South Dock, formerly the city canal, which runs parallel to the export dock. All West India ships frequenting the Thames, were obliged to use them for a period of 20 years from their completion. The dividend on the company's stock was limited to 10 per cent.; and, after making dividends to the full amount, with the exception of the first half year, they had, in 1819, an accumulated fund of near £400,000. But they then diminished their charges, at the suggestion of the committee of the House of Commons, on the foreign trade of this country, so as to give the trade using the docks, the benefit of the surplus fund, which was to be reduced to £100,000 before January 30, 1826. Latterly the company have been obliged in consequence of the competition of the other companies, to make further reductions of dividend.

London Docks were established by an act passed June 20, 1800. They are situated in Wapping, and were principally intended for the reception of ships laden with wine, brandy, tobacco and rice. These docks were opened in 1805. All ships bound for the Thames, laden with wine, brandy, tobacco, and rice, (except ships from the East and West Indies,) were obliged to unload in them for the space of 21 years; but this monopoly expired in January, 1826, and the use of the docks is now optional. The capital of the company amounts to £3,238,310 5s. 10d. A considerable portion of this vast sum, and of a further sum of £700,000 borrowed, was required for the purchase of the houses, about 1,300 in number, that occupied the site of the docks.

A great improvement has been made in these docks, by the erection of a magnificent jetty, completed in 1839, supported on massive piles, extending from the south-west quay, 800 feet across the large basin, affording a quay-frontage on both sides, for the loading of outward bound ships of 1,600 feet. The jetty is 62 feet in width; and three lofty sheds, each 208 feet long, by 48 feet wide, have

also been erected. The erection of the jetty is said to have cost the London Dock Company £60,000. One million sterling has been expended during the last 12 years, in enlarging and improving, including the excavation of the eastern basin and entrance.

East India Docks, established by act July 27, 1803, are situated at Blackwall, and were principally intended for the accommodation of the ships employed by the East India Company. There are two docks; one for ships unloading inwards, and one for those loading outwards. The wharf was rebuilt in 1833, but since the expiration of the charter, they have been converted to general purposes.

St. Katharine's Docks. The company for the construction of these docks was incorporated by the act 6 Geo. IV. c. 105, (local,) and they were partially opened October 25, 1828. They are situated immediately below the Tower, and are consequently the most contiguous of any to the city and the custom-house. The capital raised by shares amounts to £1,352,800; but an additional sum of £800,000 has been borrowed, on the security of the rates, for the completion of the works.

Commercial Docks, on the south side of the river, opposite to the west end of the West India Docks. These docks are of large extent, the space included within the outer wall being about 49 acres, of which nearly 38 acres are water. They are principally intended for the reception of vessels with timber, corn, and other bulky commodities.

BRISTOL DOCKS were formed in pursuance of the act 43 George III. c. 142, 1803, by changing the course of the rivers Avon and Frome, and placing gates or locks at each extremity of the old channel. The accommodation thus obtained is very extensive. The warehouses at Bristol, as at Liverpool, are not in any way connected with the docks; they all belong to private individuals. The custom duties collected in Bristol amounted, in 1831, to £1,161,976. In 1832 there belonged to the port 269 registered vessels, of the burden of 46,567 tons.

LEITH DOCKS. Leith has two, constructed in the best manner, containing more than ten acres of water room, and capable of accommodating 150 such ships as frequent the port. There are

also three dry docks contiguous to the wet docks. The total expense of these docks seems to have amounted to £285,108 sterling. The customs duty collected at Leith, in 1831, amounted to £431,821. The number of registered vessels belonging to the port is 246, and their burden 25,629 tons.

BUTE DOCKS, CARDIFF. These splendid docks, undertaken and completed by the marquis of Bute at the cost already of £300,000 were opened on October 9, 1839. The river Taff, which falls into the sea at the port of Cardiff, forms a principal outlet for the mining districts, with which Glamorganshire abounds. The produce of these mines has hitherto found its way to market through the Glamorganshire canal; but its sea lock, constructed about 40 years ago, has long been found inadequate to the demands for increased accommodation consequent upon the extraordinary increase of trade since the canal was opened. Some idea of this may be formed from the fact that, according to the canal company's report, 123,134 tons of iron, and 226,671 tons of coal passed down in 1837; making a total of 349,905 tons, or about 1,100 tons per day.

The principal advantages of the undertaking are as follow:—a straight open channel N. N. E. and S. S. W. about three-quarters of a mile in length from Cardiff Roads to the new sea-gates, which are 45 feet wide, with a depth of 17 feet water at neap, and 32 feet at spring tide. On passing the sea-gate, vessels enter a capacious basin, having an area of about an acre and a half, called the outer basin, calculated to accommodate vessels of great burden and steamers; the main entrance lock is situated at the north end of this outer basin, 152 feet long, and 36 feet wide, sufficient for ships of 600 tons. The inner basin, which constitutes the grand feature of this work, extends in a continuous line from the lock to near the town of Cardiff, 1,450 yards long, and 200 feet wide, an area of nearly 20 acres of water, capable of accommodating in perfect safety from 300 to 400 ships of all classes. Quays are built on each side for more than two thirds of its length, finished with strong granite coping, comprising nearly 6,000 feet, or more than a mile of wharfs, with ample space for warehouses, exclusive of the wharfs at the outer basin. To keep the channel free of deposit, a feeder from the river

Taff supplies a reservoir 15 acres in extent, adjoining the basin. This reservoir can be discharged at low water by means of powerful sluices with cast-iron pipes five feet in diameter, and by ten sluices at the sea-gates, so as to deliver at the rate of 100,000 tons of water per hour. The feeder was commenced in 1834, the first stone of the docks laid March 16th, 1837, and the last coping-stone was laid May 25, 1839.

DOCTOR'S DEGREES. The title of doctor was first created towards the middle of the twelfth century. Spelman states it to have been about the year 1140, and affirms that such as explained that work to their scholars were the first that had the appellation of doctors. The first mention of academical degrees conferred by the university of Paris, from which the other universities are supposed to have borrowed most of their customs and institutions, occurs in 1215: and they were completely established in 1231. Some have supposed that regular doctors' degrees were not granted in England till 1607.

To pass doctor of divinity at Oxford, it is necessary that the candidate shall have been four years bachelor of divinity. For doctor of laws he must have been seven years in the university; to commence bachelor of law five years; after which he may be admitted doctor of laws. Otherwise, in three years after taking the degree of master of arts, he may take the degree of bachelor in law; and in four years more that of LL.D., which same method and time are likewise required to pass the degree of doctor in physic. At Cambridge, to take the degree of doctor in divinity, it is required that the candidate shall have been seven years bachelor of divinity.

DODD, REV. DR., born May 29, 1729, executed for forgery, June 27, 1777.

DODD, RALPH, a civil engineer, and writer on canals, docks, &c., born 1756, died April 11, 1822. He was the projector of Vauxhall Bridge, the South London Water Works, the Tunnel at Gravesend, the Surrey Canal, and various other works.

DODD, GEORGE, son of the preceding, the original designer of Waterloo bridge, died September 28, 1827, in Giltspur-street Compter, aged 44.

DODDRIDGE, DR., was born in London, June 26, 1702. He was, in 1719, placed under the tuition of the Rev. John Jennings, who kept an aca-

demy at Kibworth in Leicestershire. In 1736, he sent out his "Ten Sermons on the Power and Grace of Christ," and "Evidences of his glorious Gospel," and the same year he received his diploma from the college of Aberdeen. In 1739, he published the first volume of his "Family Expositor," and lived to publish three volumes, and finish the short-hand copy of the whole. In 1745 appeared his "Rise and Progress of Religion in the Soul," and in 1747, his "Life of Colonel Gardiner." He died while at Lisbon for his health, October 26, 1751.

DODSLEY, ROBERT, author of the "Preceptor," the "Economy of Human Life," &c., born 1703, died 1764.

DOG-DAYS. See **CANICULAR DAYS.**

DOG-STEALERS' act, passed 1770; tax on dogs, 1796 and 1808.

DOGGER-BANK. On August 5, 1781, an obstinate engagement took place immediately off this bank, between the English and Dutch fleets.

DOGGETT, THOMAS, the actor, died 1721.

DOLCI, CARLO, an eminent painter of history and portrait, was born at Florence in 1616, and was a disciple of Jacopo Vignali. His first attempt in a whole figure of St. John, when he was only 11 years of age, was much approved; and this was succeeded by the portrait of his mother, which placed him in the highest rank of merit. He died in 1686, aged 70.

DOLGELLY, a town and parish in North-Wales. Owen Glendwr assembled his parliament here in 1404, and the townsmen held out loyally for Charles I. The Via Occidentalis of the Romans may be traced towards Bala, and the mountain of Cader Idris rises over the town to an elevation of 2900 feet above sea level.

DOLLARS, bank of England, issued at 5s. value, 1804; their value raised to 5s. 6d. 1811.

DOLLART or **DOLLORT**, sea between Groningen and East Friseland, formed by an inundation, 1277.

DOLLOND, JOHN, an eminent optician, who, from a hint previously given, may be termed the inventor of achromatic glasses. He was born in Spitalfields, London, June 10, 1706. In his attempts at the improvement of the telescope, he was persevering and indefatigable; and after a course of well-conducted experiments, continued from the

year 1757 to June 1758, he discovered "the difference in the dispersion of the colours of light, when the mean rays are equally refracted by different mediums;" and from this principle he inferred, that the object glasses of refracting telescopes were capable of being made without the images formed by them being affected by the different refrangibility of the rays of light. See **ACHROMATIC GLASSES.** In 1761, Mr. Dollond was elected fellow of the Royal Society; and he was also appointed optician to his majesty. He died Nov. 30, in the same year.

DOLLOND, PETER, son of the preceding, and also an eminent optician, who effected further improvements in the telescope, born 1731, died 1820.

DOLON, the first comic actor, flourished A. C. 562.

DOLPHIN convict hulk, with 200 convicts on board, sunk suddenly in the Thames, Oct. 16, 1829, but only three lives were lost.

DOLWYDDELLAN CASTLE, Caernarvonshire, North Wales, built 500.

DOMENICHINO, ZAMPIERI, a Bolognese painter of history and portraits, born 1581, supposed to have been poisoned, 1641.

DOMESDAY BOOK, or **DOOMS-DAY BOOK**, the judicial book, or book of the survey of England: a most ancient record made in the time of William the Conqueror, by his order and with the advice of his parliament. Sir H. Spelman calls it, "if not the most ancient, yet without controversy, the most venerable monument of Great Britain." It was begun in 1081, but not completed till 1087. This book is still remaining, fair and legible; consisting of two volumes.

DOMINGO, ST., ISLE OF. See **HAYTI.**

DOMINICA, island, West Indies; so named by Columbus, having been discovered on Sunday, Nov. 3, 1493. Its right of occupancy was claimed by England, France, and Spain, and it was considered a neutral island by the three crowns till 1759, when, by conquest, it fell under the dominion of Great Britain; was afterwards confirmed to England by the treaty of Paris, February, 1763. It was taken by a large French force from Martinique, under the Marquis de Bouillé, in 1778, after a gallant resistance on the part of the British colonists; restored to England, at the peace of

1783. During the war of 1805, a devastating descent was made on the island by a formidable French squadron, but the colony was preserved by the skill of Sir George Prevost, and the gallant behaviour of the colonists. The island has ever since remained under the dominion of Great Britain.

DOMINICANS, an order of religious, take their name from their founder, Dominic de Guzman, a Spanish gentleman, born in 1170. He laid the foundation of his order, and it was approved of in 1215, by Innocent III., and confirmed in 1216 by a bull of Honorius III., under the title of St. Augustine. They founded their first monastery in England, at Oxford in 1221, and soon after, another at London. In 1276 the mayor and aldermen of the city of London gave them two whole streets by the river Thames, where they erected a convent, whence that place is still called Blackfriars. Their influence began to decline towards the beginning of the 16th century.

DOMITIAN, the Roman emperor, the last of the Twelve Cæsars, was born at Rome in 51; proclaimed emperor in 81. His character was marked by lust and cruelty. He was assassinated September 18, 96, in the 45th year of his age, and the 16th of his reign.

DOMITIAN'S PALACE, at Rome, built 80.

DOMUS DEI HOUSE, at Dover, built 1240.

DON, a title first adopted by the king of Spain, 759.

DON CARLOS. See **CARLOS**.

DON PEDRO. See **PEDRO**.

DON, river, European Russia, formerly considered the southern boundary of Europe, a line now removed to the river Kuban, and the lake Balschai. The river Don overflowed its banks, and caused serious injury, August 10, 1750.

DON, river, Scotland, Aberdeenshire. Its source is five miles from Curgarf, at an elevation of 1650 feet above sea level. After a course of 60 miles it falls into the sea, a few miles north from the town of Old Aberdeen. The new bridge over the Don, completed in 1830, is about 520 feet in length, and consists of five arches, each of 75 feet span, and 25 feet rise, constructed entirely of cut granite, from a design by Mr. Telford. This magnificent structure has been obtained without costing the public a single

shilling, the expense having been wholly defrayed from the accumulated savings of an annual sum of only "two pounds five shillings and eight pence sterling!" in fen duties, left in trust to the magistrates and council of Aberdeen, in the year 1605, by Sir Alexander Kay, then one of the clerks of Session, for the purpose of maintaining the old bridge of Don, founded by King Robert Bruce.

DONATISTS, an ancient sect of schismatics in Africa, which arose in 311, so denominated from their leader Donatus. They were condemned, in a council at Milan, before Constantine the Great, in 316, who deprived them of their churches, sent their seditious bishops into punishment, and even punished some of them with death.

DONCASTER was on the ancient Roman line of road, and was occupied by the Anglo-Saxons, who founded a religious house here. It was pillaged and nearly razed by the Danes in 794; in 833 the Danes were totally defeated here by King Egbert. Richard I. granted the town a charter, under which it prospered until an accidental fire in 1204, which completely impoverished the inhabitants. Other charters were afterwards granted by Edward IV., Charles II., and James II. Doncaster races, to which this place owes all its modern celebrity, established in 1703, were endowed with St. Leger stakes in 1776, further enriched by the transfer of a king's plate, value 100 guineas, from Burford in 1803, and in 1826, a beautiful stand-house was erected on the racing ground.

DONNA MARIA, proclaimed queen of Portugal at Lisbon, July 23, 1833, recognized by the British government, Aug. 15, through Lord William Russell, who, at the same time, presented to the Regent his credentials as English minister at the court of Lisbon.

DONNE, JOHN, satirist, born 1573, died 1631.

DONNINGTON CASTLE, Berks built, 1260.

DORCHESTER, OXFORDSHIRE, was a bishop's see under the Anglo-Saxon dynasty, removed to Lincoln after the Norman conquest. The old cathedral founded in 1140, is now the parish church.

DORCHESTER, DORSETSHIRE, was anciently a Roman station. King Athelstan established a mint here, and

the Danes and Normans erected strong castles at this place. At Dorchester seven Roman catholic clergymen were executed in Elizabeth's reign, and here the infamous judge Jefferies employed himself in the condemnation of the captive insurgents after the duke of Monmouth's rebellion. In 1595, a plague depopulated the town, and in 1613, property valued at £200,000 was destroyed by fire.

1834. April 17, six agricultural labourers were sentenced to seven years' transportation at the assizes, for a felony in being members of an illegal society, (trades union,) and administering unlawful oaths.

DORIA ANDREW, a gallant Genoese officer, born 1466. He subdued the African pirates, 1513; died 1560, aged 94.

DORPI, OR **DORPAT**, town of European Russia, was burned by the Russians in 1704, and almost destroyed by an accidental conflagration in 1775. The university, celebrated for its recent astronomical discoveries, was founded by Gustavus Adolphus in 1632. Re-established by the emperor Alexander, in 1802.

DORSET, THOMAS, EARL OF, a poet, born 1537, died 1608.

DORSET, COUNTY OF, was included in the Roman province Britannia Prima and contained two Roman stations, several camps, and an amphitheatre; and through it the Via Iceniana, or Icknield way, passed. It formed part of the kingdom of Wessex, under the Saxons. The Danes and other invaders frequently landed on its shores; the latest hostile descent was made at Lyme, in 1685, by the duke of Monmouth.

DORSINGTON, in Warwickshire greatly injured by fire, August 3rd, 1759.

DORT, town of Holland, formerly the residence of the counts of Holland, and the birth-place of De Witt and other distinguished persons. The island on which it stands was formed in 1421 by an inundation, which destroyed 72 villages, and 100,000 persons. In 1618 and 1619, an assembly was held here called the Synod of Dort.

DOUAY, a town of France, was taken by the duke of Marlborough in 1710, and retaken by the French in 1712. A number of Roman catholic youths are sent here for education from England and Ireland, and the standard

Roman catholic edition of the scriptures, called the Douay Bible, was published here.

DOUCE, FRANCIS, antiquary, and author of "The Illustrations of Shakspeare and his Times," died 1834, aged 73.

DOUGHNOMORE, JOHN HELY HUTCHINSON, EARL OF, Baron Alexandria, a distinguished British officer; born 1757, died 1832.

DOUGHTY, W., an English portrait painter and engraver, flourished 1780.

DOUGLAS, BISHOP GAWIN, the translator of "Virgil," born 1474, died 1522.

DOUGLAS, DR. JOHN, vindicator of Milton against Lander's charge of plagiarism, born 1719, died 1807.

DOUGLAS CASTLE, near Edinburgh, destroyed by fire, Dec. 11, 1758.

DOURO, river of Spain, its banks were the scene of various movements of the hostile armies in 1812, previous to the battle of Salamanca; and in the following year, previous to the battle of Vittoria.

DOVE OF CASTILE, order of knighthood, instituted 1379.

DOVOR, OR DOVER, one of the Cinque Ports, said to have been the first to receive a charter; was formerly considered the key to England; it was occupied by the Romans, who called it Dubræ. In the beginning of the 13th century it was successfully defended against the Dauphin of France, who came to England to oppose King John. In the reign of Edward I. the town was burnt by the French; it was captured by the Parliamentary army in 1642. The fortifications were for more than a century neglected, and suffered to fall to decay, but during the last war were again repaired. Since 1803, the Heights on the western side of Dovor have been defended by strong works. There are also immense excavations, in which a large army may lodge in security.

1838. Lieut. Worthington, R. N., published a plan for the improvement of Dovor harbour, in which he proposed to run out the south head as a breakwater to 250 feet into the sea, in a S.S.E. direction; to take down part of the north head, and make a large addition to the harbour in front of Amherst battery. This plan has been submitted to the commissioners of Dovor harbour.

DOVOR CASTLE, said to have been built by Julius Cæsar; the tower built 147. This castle is now an assemblage of all the kinds of fortification which the art of war has invented to render a fortress impregnable. It occupies about 135 acres of ground; being nearly the whole summit of the hill on which it stands. The lower court is surrounded by an irregular wall, excepting on the side next the sea, where a considerable part of the cliff, with the remainder of the wall, was thrown down by an earthquake on April 6, 1680. Near the edge of the cliff stands a piece of brass ordnance, 24 feet long, cast at Utrecht in 1544, and called "Queen Elizabeth's pocket-pistol," it having been a present from the states of Holland to that queen.

DOVOR-CLIFF, part of, fell down, near Guildford battery, by which Mrs. Poole and her five young children and her niece were killed, Dec. 14, 1810.

DOVOR, LORD, G. J. W. A. ELLIS, an accomplished and learned British statesman and writer, was born Jan. 14, 1797. In 1818, he was returned for the borough of Heytesbury; and, at the age of 21, took his seat in the imperial parliament. In 1831, he was created a British peer. His principal works are, "The True History of the State Prisoner, commonly called the Iron Mask;" "Historical Inquiries respecting the Character of Edward Hyde, earl of Clarendon, lord chancellor of England;" "The Ellis Correspondence," in two octavo volumes; "Life of Frederick the Great, king of Prussia;" and the "Correspondence of Horace Walpole with Sir Horace Mann." He died July 10, 1833, aged 36.

DOWLATABAD, a town and fort of Hindoostan. In the 14th century Mahomed III., king of Delhi, made an attempt to transfer the seat of his government to this town, then called Deogher. It is still an important place, subject to the nizam of the Deccan. In 1595, it surrendered to Ahmed Nizam Shah, of Ahmednuggur, and afterwards fell into the possession of Mallik Amber, an Abyssinian slave; his descendants retained it until 1634, when it was seized by the Moguls; it came with the rest of the Mogul Deccan in 1717, into the hands of Nizam ul Mulk, whose successors, the nizams of Hyderabad, still retain it.

DOWNPATRICK, race-course, riot at, in quelling which, several persons

were killed by the military, and many wounded, July 16, 1814.

DOYLE, DR., a celebrated Irish Roman Catholic bishop, was educated in the university of Coimbra, in Portugal. In 1819 he was appointed bishop of the Catholic diocese of Kildare and Leighlin. He died at his house near Carlow, June 15, 1834. His funeral was attended by about 20,000 persons.

DRACO, a celebrated legislator of Athens, lived about A.C. 624.

DRAKE, SIR FRANCIS, an eminent English navigator, was born near Tavistock in Devonshire, in 1545. In 1570, he made his first expedition against the Spaniards, with two ships; and the next year with one only, in which he returned safely, but not with the advantages he expected. He made another expedition in 1572, in which he gained considerable booty, and returned to England, where he arrived in August, 1573.

He undertook a voyage into the South Sea through the straits of Magellan; which was what no Englishman had ever attempted. He sailed on Dec. 13, 1577. On Sept. 25, 1578, he passed the straits, and on Sept. 29, 1579, sailed for the Moluccas. After touching at Ternate, he returned to England, and entered the harbour of Plymouth, on Nov. 3, 1580, having performed his voyage round the world in two years and ten months. Shortly after his arrival, the queen going to Deptford, went on board his ship; where, after dinner, she conferred on him the order of knighthood.

1585. He was sent with a fleet to the West Indies, where he took the cities of St. Jago, St. Domingo, Carthagena, and St. Augustine. In 1587, he went to Lisbon with a fleet of 30 sail; but receiving intelligence of a great fleet assembled in the bay of Cadiz, which was to have made part of the Armada, he with great courage entered that port, and burnt upwards of 10,000 tons of shipping. He died on board his own ship, near the town of Nombre de Dios in the West Indies, on Jan. 28, 1595-6. A modern biographer says of him, "He was eminently skilled in all the branches of his profession; and with so much courage and ability did he conduct his enterprises, that scarcely any name among naval adventurers stood so high, not only in his own country, but throughout Europe, as that of Sir Francis Drake."

DRAKE, DR. NATHAN, author of

"Literary Hours," &c.; born at York, Jan. 15, 1766, died at Hadleigh, Suffolk, June 7, 1836, aged 70.

DRAKENBORCH, ARNOLD, professor of rhetoric and history in the university of Utrecht, was born in that city, Jan. 1, 1684. In 1706, took his degree of doctor of laws at Utrecht. In 1716, he succeeded Burmann, one of his own tutors, as professor in that university. He published many original works, and undertook the duties of an editor in others. Among these was an edition of "C. Sili Italici Punicorum," libri xvii. 4to., which he laboured to render as perfect as possible. He also gave an edition of Livy in seven vols. 4to., together with a life of the historian. He enriched his edition by reference to more than 30 MSS. which had never before been employed for the purpose. He died at Utrecht in 1748.

DRAMA. The earliest specimens of dramatic composition are those of the Greeks. They took their rise from the songs which were composed by the poets for the festivals of Bacchus. It was probably about 400 years after the time of Homer that Thespis first introduced a new person, who relieved the chorus, by repeating some well known fables, or some wonderful adventures, called the episode. Nothing more is known of this species of poetry till the days of Æschylus, who flourished in Athens at the time of the battles of Marathon and Platea, about A.C. 490. The period when comedy flourished at Rome was during the Punic wars, when Licinus, Plautus, and Turpilius flourished.

A blank of several ages occurs, from the time of the Roman writers to the revival of learning among the moderns. Mr. Warton supposes modern drama to have originated in the rude attempts of the minstrels and buffoons, who were employed at the fairs established in all the chief towns of France and England, by Charlemagne and William the Conqueror. The priests perceiving that they drew away the people from the churches, became actors themselves, and presented stories from the bible, or their legends. Little else was heard of in the 11th century, and it is difficult to ascertain how the transition was first made from these to the regular drama. Voltaire affirms that the Sophonisba of Trissino, which was acted at Rome in 1515, was the first regular tragedy Eu-

rope witnessed after many ages of barbarism. After this period the Italian drama flourished, till the 17th century, when it sunk to its former state. In the 18th century, it was again revived by the genius of Goldoni, Metastasio, and Alfieri.

In England the earliest dramatic entertainments were of a religious kind, and were called mysteries; they were succeeded by the moralities, which contained some attempts at plot, as well as the delineation of characters and manners. As early as the reign of Henry VIII., some dramatic pieces were published, under the names of comedy and tragedy. In the reign of Elizabeth, the drama assumed a more distinct form.

1591. Shakspeare, the brightest ornament of dramatic poetry, appeared, who in a few years enriched the theatre of his country, by his numerous and unrivalled productions. The reigns of Elizabeth and James, were the periods in which the drama flourished in England. Though its honour was principally supported by Shakspeare, there were several minor writers, such as Ford, Shirley, and Chapman, and the name of Otway distinguished the reign of Charles II. British drama was cultivated with success from the close of the 17th to that of the 18th century, by Cibber, Congreve, &c., and during the 19th, by the Colmans, Sheridan, &c. The performance of the dramatic exhibitions of this period has been sustained by the unrivalled powers of Kemble, Siddons, Cooke, Young, Kean, Macready, &c.

DRAMATIC AUTHORS' BILL, passed June 10, 1833. This act, 3 Will. IV. c. 15, was designed to amend the laws relative to dramatic literary property, and to secure to the authors sole liberty of publishing, or of having their works reprinted, for their own benefit.

DRANCE, river in Switzerland. In 1818, the current having been stopped by an avalanche, the water accumulated for several days; at length the ice barrier gave way, and the current swept away houses, human beings, and cattle, down the whole valley, as far as the river Rhone.

DRAPERS' COMPANY, London, incorporated 1469.

DRAWING. See **PAINTING**.

D RAY T O N, MICHAEL, English poet, born about 1573, died 1631.

D R E L I N C O U R T, CHARLES, a

French protestant divine, born at Sedan, in 1593; best known in England by a translation of his work entitled, "A Defence against the Fear of Death." He died in 1660.

DRESDEN obtained its town privileges in 1216. In 1429, 1491, and 1614, it suffered greatly by fire; it also endured many hardships in the 30 years' war. From 1631 to 1635, the plague raged with the greatest fury, destroying 14 out of 15 persons, and causing, in the year 1632, the death of 6892 individuals.

Dresden is strongly fortified; it was taken by the king of Prussia in 1745, and again in 1756; but recovered in 1759; the same monarch besieged it in 1760, and bombarded it for nine days, but was obliged ultimately to abandon his purpose. It was the centre of military operations during the contest in 1813, when almost all Europe was arrayed against France; from this, as from a fortified camp, Napoleon poured out his columns upon Prague, Breslau, and Berlin. In August it was attacked by the allied army, under Prince Schwartzberg 120,000 strong, but relieved by Napoleon. In October following, again attacked, and taken soon after. Nov. 11, articles of capitulation were agreed to, and the garrison were made prisoners of war.

DRESS restrained by act of parliament, 1455, 1574, and 1580.

DREUX, town of France, was burnt by Henry II. 1186, taken by Henry V. of England, 1421. In 1562, a celebrated battle was fought in this neighbourhood, between Charles IX. king of France, commanding an army of Roman catholics, and the French protestants, under the prince of Conde, in which the latter were defeated and their general taken prisoner. In 1593, it surrendered to Henry IV. of France.

DREW, SAMUEL, a metaphysical writer, was the son of a common labourer, at St. Austell, in Cornwall, and born, 1765. In 1784-5, he was first introduced to the late Dr. Adam Clarke, who was appointed to the East Cornwall methodist circuit. In 1798, he first laid the foundation of his "Essay on the Human Soul," and it was while this essay was in its infant state, that a young gentleman put into his hands, the first part of Paine's "Age of Reason," thinking to bring him over to the principles of infidelity. The sophistry of Paine's book, Mr. Drew readily detected; and

committing his thoughts to writing, he published them in his "Remarks on Paine," in 1799. He published the "Essay on the Immateriality and Immortality of the Soul," in 1802, which brought him into honourable notice beyond his native country. In 1805, appeared, "The Evidences of a General Resurrection;" and in 1820, in 2 vols., 8vo., his "Treatise on the Being and Attributes of God." About the same time he was engaged as editor to the "Imperial Magazine." This led to his removal from St. Austell to London; where he continued to discharge the duties of that situation until his death, which took place, March 29, 1833.

DRILL HUSBANDRY, introduced by Jethro Tull, in his theory which appeared in 1733, and attracted universal admiration; especially his "Essay on Horse-Hoeing Husbandry," which was translated into the French language by M. Duhamel.

DROITWICH, England, long famous for its salt springs. The ancient Britons appear to have made salt here. In 816, Kenulph, king of Mercia, bestowed Hamilton and 10 houses in Wick, (Droitwich,) and salt furnaces on the church of Worcester. King John bestowed great privileges on the inhabitants of this town, which were confirmed by Henry III., and finally a charter was granted by James I. The depth of the salt pits, before 1725, was 35 feet; since that period they have been sunk to 100 and 150 feet.

DROWNING. The first society for the recovery of drowning persons was instituted in Holland, in 1767, where, from the great abundance of water conveyances, the inhabitants are exposed to accidents. The example of the Dutch was followed, in 1768, by the magistrates of health in Milan and Venice; afterwards by those of Hamburgh, in 1771; by those of Paris in 1772; and by the institution of the Humane Society of London in 1774. See **HUMANE SOCIETY**.

DRUIDS, the priests and philosophers of the ancient Britons, and other Celtic nations. Mr. Pinkerton says, "they were not known beyond present North Wales on the north, and the river Garonne, the bounds of the Celtæ in Gaul, on the south. A line drawn by the Severn in Britain, and the Seine in Gaul, forms the eastern bound, while the ocean

forms the western." They were divided, according to Cæsar, into several ranks, over all which there was one chief, or arch-druid. The Romans used every means in their power to effect their destruction; decrees were issued against them by several of the Roman emperors, and they were finally attacked in the Isle of Anglesea, and extirpated by Suetonius Paulinus, in 61.

DRUMMOND, WILLIAM, the poet, born 1586, died 1649.

DRUMMOND, SIR WILLIAM, of Logie Almond, North Britain, knight of the crescent, a privy councillor, and fellow of the Royal Societies of London and Edinburgh; formerly his Britannic majesty's envoy extraordinary and minister plenipotentiary to the king of the two Sicilies. Sir William was well known as an author, and a profound and elegant scholar. In 1798, he published his most important work, in 8vo., "The Satires of Persius," translated. He died March 29, 1828.

DRUNKENNESS in the clergy restrained by canon law, 741; in the laity restrained by law, 975.

DRURY-LANE THEATRE, built 1662; destroyed by fire 1672; rebuilt 1674; pulled down 1791; rebuilt 1794; burnt 1809; rebuilt and opened to the public November 10, 1812. The receipts of the first year of the new theatre were £79,925 14s.; of the second, £68,389 3s.; of the third, £61,585 8s. 5d.; of the fourth, £49,586 17s.

DRURY-LANE AND ST. GILES'S first paved according to act of parliament, 1605.

DRURY-LANE theatrical fund, instituted 1777.

DRUSES, a people in Syria, who inhabit the Castravan, Lebanon, and Anti-Lebanon mountains, and derive their origin from a sect of Mahommedans, about the commencement of the 11th century. Being persecuted by the existing government, they fled to the mountains, and formed an independent community, and at different times opposed the crusaders, the sultans of Aleppo, the Mamelukes, and the Ottomans. At length, in 1588, they were subdued and made tributary, by Amurath III., who set one emir, or chief, over them, and made him responsible for the payment of the tribute. This arrangement concentrated the strength of the Druses, who became more formidable, and fre-

quently attacked the Turks with success. About the middle of the 17th century, they attained the height of their power, under their celebrated emir, Fakr-El-din, or Fakardin, but after a series of successes, he was finally betrayed into the hands of his enemies, in 1631, and strangled at Constantinople. Since his death the emirs have held this country as vassals to the Turks, maintaining but a nominal independence.

The Druses still exist, however, as a separate people, and are considered throughout the Levant as restless, enterprising, hardy, and brave, even to temerity. But they have been recently subdued by Mahommed Ali, viceroy of Egypt. In 1838, the Druses of Harbeja and Racheja submitted themselves to Ibrahim Pacha, and delivered up their arms, July 16. In 1840, a partial insurrection of the Druses, in Syria, took place against Mahommed Ali, which was suppressed in June.

DRUSIUS, JOHN, a learned Flemish protestant divine, born at Oudenarde, in 1550; took refuge in England, 1567, died 1616.

DRYDEN, JOHN, the poet, was born at Aldwinkle, Northamptonshire, in 1631, and educated at Westminster school under Dr. Busby. From thence he was removed to Cambridge, in 1650, being elected scholar of Trinity college. In 1676, he obtained the offices of royal historiographer and poet laureate, with a salary of £200 per annum. In 1682 came out his "Religio Laici," designed as a defence of revealed religion, against deists, papists, &c. Soon after the accession of James II., he embraced the religion of the church of Rome, and wrote two pieces in vindication of the Romish tenets. By this step, being disqualified from bearing any office under the government, he became dependent on his pen for support. In 1693 came out a translation of "Juvenal and Persius;" and, in 1697, he published his translation of Virgil's works. His last work called his "Fables," consists of many of the most interesting stories in Homer, Ovid, Boccacio, and Chaucer, translated or modernised in the most elegant and poetical manner. He died May 1, 1701, and his remains were interred in Westminster abbey.

DUBITZA, a town of Turkey in Europe; remarkable for the obstinate defence made against the Austrians, to

whom it surrendered by capitulation in 1788.

DUBLIN was known to the Danes, and was visited by St. Patrick about the year 450. It was fortified in the ninth century by the Danes or Ostmen. In 1000, the walls were strengthened, and resisted a powerful army under King Melaghlin, but the original ramparts did not exceed one mile in length; some remains of them are still visible. Henry II., of England, visited Dublin in 1172-3, and received the homage of a few Irish princes and chieftains; he granted it to a company of Bristol merchants, with privileges and free customs similar to those enjoyed by the city of Bristol. This was the foundation of the liberties of Dublin, which were augmented by King John. Henry III. extended the benefit of magna charta to Dublin, and granted the city to the citizens in fee for 200 marks per annum. The title of the chief magistrate was changed from that of mayor to lord mayor, by Charles II.

The city of Dublin is one of the most elegant in Europe; its streets are regularly built, well lighted, and paved. The public buildings are of the first class, both as to design, material, and execution; they include the castle, the residence of the lord-lieutenant, and officers of his court, built in 1220, besides numerous elegant structures of later date. The custom-house was begun in 1730, the royal exchange, situated on Cork-hill in 1769, and opened for business in 1779. There are several hospitals; the principal of which is that for lying-in women, opened in 1757.

There are also many other public institutions; the Royal College of Physicians, established in 1679, for promoting medical knowledge; the Royal College of Surgeons, instituted in 1785; the Royal Irish Academy, for the advancement of science, polite literature, and antiquities, incorporated Jan. 28, 1786. The Royal Hibernian Academy for the encouragement of arts incorporated 1823, &c.

DUBLIN UNIVERSITY, the only one in Ireland, consists of one college; but the charter provides for the erection of a second. It was founded by Queen Elizabeth in 1591, and is governed by a provost, fellows, and scholars. The number of students is generally about 2000. Usher, Swift, Burke, Berkeley, Grattan, Young, Curran, Lord Plunkett, and other

eminent men were educated here. The school of anatomy, belonging to the university, is much frequented by students from England and Wales. The college, situated on the east side of College-green, built in 1591, is a most beautiful structure, consisting of two spacious squares, the first of which, called Parliament-square, contains the refectory, the old hall and chapel, and the new theatres for lectures and examinations.

DUBLIN SOCIETY, established in 1731, for some years supported only by voluntary subscriptions, and at length incorporated in 1749, by the title of the Dublin Society, for promoting husbandry and other useful arts in Ireland.

DUBLIN, ARCHBISHOPRIC OF, one of the four provinces into which Ireland is divided, first mentioned in the seventh century. In the year 1152, it was erected into an archbishopric. In 1214, the bishopric of Glandelough, which had been founded in the sixth century, was incorporated with it. There are two cathedrals, Christ-church, or the church of the blessed trinity, first built by the Ostmen of Dublin about 1038, was converted into a collegiate for a dean and chapter by Henry VIII. in 1514. The other cathedral, that of St. Patrick, was erected about 1190 by John Comyn, then archbishop of Dublin. In 1370, Archbishop Minot added to it a high steeple of squared stone; and in 1750 Dr. Sterne, bishop of Clogher, on this steeple erected a lofty and beautiful spire, little inferior to that of Salisbury, and which is seen at a considerable distance.

DUBOIS, EDWARD, a Dutch landscape and portrait painter, born 1622, died 1699.

DUBOIS, SIMON, a Dutch painter of battle pieces and portraits, died 1708.

DUCAREL, DR. ANDREW COLTEE, the antiquarian, born in Normandy, 1713, came to England in infancy, died aged 72, May 29, 1785.

DUCHESNE, "Father of French history," born 1534, died 1640.

DUCKWORTH, an English admiral, born 1748, died 1817.

D'UDINE, reviver of stucco work, born 1494, died 1564.

DUDLEY CASTLE, Staffordshire, founded in 760 by Dudo, a Saxon chief; it was the scene of an awful strife between King Stephen and the Empress Maud. It was also besieged during the civil wars in 1644, and again in 1646. Here are

the remains of a priory formerly occupied by Cluniac monks, built in 1160.

DUDLEY, EDMUND, an eminent lawyer and statesman in the reign of Henry VII., beheaded, August, 1510, aged 48.

DUDLEY, DUKE OF NORTHUMBERLAND (whose son married Lady Jane Grey), beheaded on Tower-hill, August 22, 1553.

DUDLEY, ROBERT, EARL OF LEICESTER, the favourite of Queen Elizabeth, born 1532, died 1588.

DUDLEY, LATE EARL OF, an highly-gifted but eccentric nobleman, born Aug. 9, 1781, the only child of William, the third viscount Dudley and Ward. He was, at the general election of 1802, elected M.P. for Downton; and soon distinguished himself in the house of commons. On the formation of Mr. Canning's administration, Lord Dudley and Ward was appointed secretary of state for foreign affairs, and sworn a member of the privy council, April 30, 1827. Sept. 24, in the same year, he was raised to the rank of earl, by the titles of earl of Dudley and Viscount Ednam. In May, 1828, he resigned the secretaryship.

The earl of Dudley was a man of powerful talents, varied accomplishments, and a most generous disposition; but his manners had always been marked by eccentricities. Of his extraordinary absence of mind, and his unfortunate habit of "thinking aloud," many amusing anecdotes have been in circulation. It is said that when he was in the foreign office, he directed a letter intended for the French, to the Russian ambassador, shortly before the affair of Navarino: Prince Lieven set this down as one of the cleverest *ruses* ever attempted to be played off, and gave himself immense credit for not falling into the trap laid for him by the sinister ingenuity of the English secretary. He returned the letter with a most polite note, in which he vowed, of course, that he had not read a line of it, after he had ascertained that it was for Prince Polignac. The earl of Dudley died at Norwood, Surrey, March 6, 1833, aged 52.

DUELING, the first public one 1096; in civil matters, forbidden in France, 1305; with small swords introduced into England, 1587. Latterly deliberate duelling is by the law of England considered a species of murder, and accordingly, it charges both the crime and

punishment of murder on the principals and on their seconds also, (Blackst. Com. vol. iv. p. 199.)

DUGDALE, SIR WILLIAM, antiquary, born 1605, died 1685.

DUKE, originally a Roman dignity, was, under the late emperors given to the governors of provinces, in war time. In England, during the Saxons' time, the officers and commanders of armies were called dukes or duces, after the ancient Roman manner. After the conqueror came in, the title lay dormant, till the reign of Edward III. who created his son Edward, first called the Black Prince, duke of Cornwall, March 17, 1337. The title was first created in Scotland, 1393. In the reign of Queen Elizabeth, in 1572, the whole order became extinct; but it was revived about 50 years afterwards, by her successor, in the person of George Villiers, duke of Buckingham. The dukes of the present day are created by patent, cincture of the sword, mantle of state, imposition of a cap, and coronet of gold on the head, and a verge of gold in their hand.

DUKE OF CLARENCE, ship, lost in the gulf of St. Lawrence, 1803.

DUKE, GRAND, the title first given to the dukes of Tuscany, by Pius V. 1570.

DUKE OF YORK, FREDERICK, charges preferred against him, in the house of commons by colonel Wardle, member for Oakhampton, Jan. 28, 1809; resigned his situation as commander-in-chief, March 18, 1809; re-appointed May 25, 1811, Died Jan. 5, 1827.

DUKE OF YORK'S ISLAND, discovered by Byron, 1765.

DULONG, PIERRE LOUIS, one of the most profound chemical philosophers of the present age, and almost equally distinguished for his knowledge of chemistry and of physical philosophy. His "Researches on the mutual decomposition of the soluble and insoluble salts," form a most important contribution to our knowledge of chemical statistics. He was the discoverer of the hypophosphorous acid, and also of the chloruret of azote, the most dangerous of chemical compounds, and his experiments upon it were prosecuted with a courage nearly allied to rashness which twice exposed his life to serious danger. But, it is on his researches on the "Law of the conduction of heat," "on the specific heat of the gases," and "on the elastic force

of steam at high temperatures," that his permanent fame as a philosopher will rest more securely: the first of these inquiries, which were undertaken in conjunction with the late M. Petit, was published in 1817.

His recent experiments on the elastic force of steam at high temperatures, and which were full of danger and difficulty, were undertaken at the request of the French Institute. Scarcely had they been published, when his death was announced in 1838, with the intelligence that he was cut off in the midst of researches upon this very subject. He left no instructions as to their progress, but among the cinders in the fire-place of his library was found a piece of paper containing figures, expressive of the two following: "1, Compound gases, formed of the simple gases, which do not condense in the act of union, have the same specific heat as the simple gases. 2, Compound gases, in the formation of which there has been the same condensation of the constituent gases, have the specific heats equal, although very different from that of the simple gases."

DULWICH COLLEGE, called "The College of God's Gift," founded in 1640, by Edward Alleyn, a dramatic performer. It was richly endowed for a master, warden, four fellows, six poor brethren, six poor sisters, 12 scholars, six assistants, and 30 out-members. There is here also a noble collection of paintings, the gift of Sir Francis Bourgeois, open to the public.

DUMBARTON, royal burgh and seaport, Scotland. The Roman fleet was stationed here under the command of Agricola, and the coast resisted all his attempts. In 756, it fell by famine into the hands of Egbert, king of Northumbria; and in 1571, was taken by a *coup de main* from Lord Fleming, who held it for Mary, queen of Scots.

DUMFRIES, royal burgh, Scotland, is of great antiquity, and gives the title of earl to the Crichtons. It was formerly a place of considerable strength, but much exposed to the inroads of the English borderers. The ruins of a castle built by Edward I., in 1300, still remain, and near are some druidical remains. Red John Cumming, lord of Badenoch, was slain in this town, before the old collegiate church, in 1305, by Bruce and his associates, for revealing some of their designs to Edward I.

DUNBAR, town and fortress, of Scotland. The fort, built before 858, was long considered one of the keys of Scotland; it afforded refuge to Edward II., after the battle of Bannockburn, and to Mary, after the death of Rizzio; and again to her and Bothwell, when driven from the capital: it was demolished in 1567.

DUNBLANE, battle of, fought on Sheriff Muir, north-east from this town, in 1715, between the insurgents under the earl of Marr, and the royal army under the duke of Argyll.

DUNCAN, king of Scotland, murdered by Macbeth, 1054.

DUNCAN, ADMIRAL LORD, born July 1, 1731, died May 4, 1804.

DUNDAS, HENRY, Viscount Melville, born 1740, died 1811.

DUNDEE, a town of Scotland, anciently called Alectum, but named Dundee (Donum Dei) in commemoration of the miraculous escape of the earl of Huntingdon from shipwreck on his return from the crusades in 1189. It was twice taken by Edward I. of England, but recovered by Bruce and Wallace, who demolished the old castle. Richard II. burnt the town; it was also consumed during the reign of Edward VI. It suffered also from Cromwell but in 1651, was taken by storm, and pillaged by General Monk.

DUNFERMLINE, market town, Scotland, early a royal residence; traces of the castle of Malcolm Canmore are still visible, as well as a palace rebuilt by Anne of Denmark, and in which it is said Charles I. was born. The church occupies the site of a Benedictine abbey, founded by Malcolm Canmore, and destroyed by Edward I. of England. It was the burying-place of the founder, his queen, and of succeeding monarchs, including Robert Bruce, whose tomb and remains were discovered here in 1818.

DUNHAM BRIDGE, over the Trent; act of parliament obtained 1830; bridge completed, 1832. This was formerly a tedious and difficult and oftentimes impassable ferry. Dunham Bridge unites, for the first time, the countries of Lincoln and Nottingham; and a straight line drawn from Sheffield to Lincoln would almost pass directly over it. Its distance from the city of Lincoln is almost 11 miles and a half west, and from Gunford about five miles and a half east. The bridge was designed by Mr. George

Leather, and was executed under his direction. It is of cast iron, of four arches. The span of each arch, including six feet on the two piers, is 118 feet; and the total length of the bridge is 536 feet. The total cost was £14,945.

DUNKELD, a town of Perth, in Scotland, the capital of ancient Caledonia. About the dawn of christianity, a Pictish king made it the seat of religion, by erecting a monastery of Culdees there; which King David I. in 1130, converted into a cathedral, and it ranked as the first in Scotland.

DUNKIRK, maritime town of France, originally a mean hamlet, consisting only of a few fishermen's huts; but a church being built there by St. Eloi, the town increased, and took its name from the situation of its church upon a hill. In 1332, Robert of Flanders built a castle for its defence; which was afterwards demolished by the revolters of Flanders. The emperor Charles V. who held it as part of Flanders, built another castle to defend the harbour; but this was also demolished. In 1558, the French, under Marshal de Thermes, took it by storm. The Spaniards recovered it again in about a fortnight, and put all the French to the sword. In 1652, it was besieged and taken by the Archduke Leopold, then governor of the Netherlands. France entering into a treaty with England in 1655, the inhabitants fitted out privateers against both these powers: the consequence of which was, that the French, assisted by Cromwell, attacked and took it, and it was put into the hands of the English. In 1662, Charles II. sold it to France for the sum of £500,000. In consequence of this the town was taken possession of for the French king Louis XIV., Nov. 29, 1662, who spared no pains or expense to render it an impregnable fortress.

In all the wars between England and France, freebooters from this port have done great damage to the English and Dutch traders. These losses induced the British cabinet, at the peace of Utrecht in 1713, to stipulate that the fortifications should be demolished and the basin filled up; conditions, however, never fully complied with. The conditions were repeated in 1763, but again evaded. In 1783, Great Britain having lost the power of dictating to France, the works were restored, and the next year the port declared free. In 1793, Fre-

derick, duke of York, son of George III. of England, made an attempt to take this town by siege, but the approach of General Houchard with a superior force, compelled his royal highness to abandon the enterprise.

DUNMOW, LITTLE, a parish in Essex, remarkable for the ancient custom of bestowing a fitch of bacon on any married couple that could swear solemnly they had not repented wedlock for a year and a day. The first grant of this description took place in the reign of Henry VI., and the last in 1751. †

DUNMOW PRIORY, Essex, built 1110.

DUNNBERG taken by storm by the French, July 30, 1812.

DUNNOON CASTLE, Scotland, built before 1334.

DUNS, JOHN, commonly called Duns Scotus, a Franciscan friar, who flourished towards the beginning of the 14th century, according to Leland, Bale, and others, born at Dunstone, near Alnwick, in Northumberland. He was sent by his superiors to Paris in 1304, where he was honoured first with the degree of bachelor, then of doctor of divinity, and in 1307, was appointed regent of the divinity school. In this situation he acquired singular reputation by his skill in disputation. He was denominated "the most subtle doctor." He died in 1308, in the 34th year of his age.

DUNSTABLE PRIORY, Bedfordshire, founded 1132, by Henry I.

DUNSTAFFNAGE CASTLE, Scotland, built 1307.

DUNSTAN, ST. was descended from a noble family in Wessex, and educated in the abbey of Glastonbury. King Athelstan, charmed with his person and accomplishments, retained him in his court, and employed him in his affairs. Some envious courtiers having persuaded the king that he was a magician, Dunstan retired from court. He was recalled by King Edmund in 941, who bestowed upon him the rich abbey of Glastonbury. But Edwi, in 955, deprived him of all his preferments, and drove him into exile. Edgar having raised a rebellion against his brother, and usurped his dominions, recalled Dunstan, and gave him the bishopric of Worcester in 957. From this moment he was the chief confidant and prime minister of King Edgar, who became sole monarch of England in 959. In the following year Dunstan was raised

† This custom has been revived.

to be archbishop of Canterbury. Being thus possessed of the primacy, he put into execution the design which he had long meditated of compelling the secular canons to put away their wives and become monks. He died 988, aged 64.

DUNSTAN'S, ST., church of, Fleet-street, demolished 1830, to widen the street. New church completed 1833.

DUNSTANBURGH PRIORY, Northumberland, built 1280.

DUOMO, or cathedral at Pisa, built 1061.

DUOMO, or cathedral at Florence, began 1296, finished 1444.

DUPIN, LOUIS ELLIS, ecclesiastical historian, born at Paris in 1657. In 1680 he was licensed to officiate as a priest, and in 1684 he received the bonnet of doctor of the Sarbonne, and then employed his time and talents on his great work, entitled "History of Ecclesiastical Writers, containing an Account of the Authors of the several Books of the Old and New Testament, and the Lives and Writings of the primitive Fathers," &c. He next published "An Account of the Writers of the first Three Centuries." This work appeared in 1686, and was followed by a succession of volumes, published at different periods, from that time till his death, which took place in 1719, at Paris, aged 62.

DUPONT, a French general, surrendered, with his army, to the Spanish patriots, July 19, 1808.

DUPPA, RICHARD, author of the "Lives of Michael Angelo and Raffaele," died 1831.

DUPRE, M. His villa, near Beaconsfield, the residence of Edmund Burke, destroyed by fire, April 21, 1813.

DUPUYTREN, GUILLAUME, a celebrated French surgeon, and professor of surgery at the Hôtel Dieu, born at Pierre Buffère, in the department of La Haute Vienne, October 5, 1778. In 1790 he commenced his career, and was admitted a surgeon of the second class on the 26th Fructidor of the year 10; doctor in 1803; assistant surgeon-in-chief in 1808; and in 1812 he obtained, in a contest with a host of talented competitors, the chair of the professor of surgery. In 1815 he was appointed surgeon-in-chief of the Hôtel Dieu, and in 1818 a member of the Institute. M. Dupuytren's works are numerous on anatomy, physiology, and pathology. He was first attacked in November 1833, by a slight

fit of apoplexy, for which he quitted France for Rome and Naples. In March, 1834, he returned to Paris, apparently recovered, when he immediately renewed his lectures at the Hôtel Dieu; but he was shortly after attacked with pleurisy. In July, he resolved to try sea bathing; but at the end of a month he returned to Paris worse than he set out. He died at Paris, February 8, 1835. He left his daughter, Madam de Beaumont, a fortune of nearly 7,000,000 francs, 200,000 francs to found a professorship of medico-chirurgical pathology, and 300,000 francs for a house of retirement for 12 superannuated medical men.

DUREL, JOHN, an English divine, born 1626, died 1683, aged 58.

DURER, ALBERT, an eminent painter and engraver, born at Nuremberg, 1471. His engravings of "The Passion of Christ," bear the dates of 1507, 1508, and 1512. The last date found on any of his works is that of 1526, on the portrait of Melancthon. His works are at present very numerous throughout Italy and Germany; and in fame he ranks with the highest artists of his time. He died in 1528.

D'URFEY, THOMAS, English satirist and ballad writer, born about 1630, died Feb. 1724.

DURHAM, city and county, of England. The county constituted part of the territories of the Brigantes; under the Romans it belonged to the province of Maxima Cæsariensis; under the Anglo-Saxons it was included first in the kingdom of Berenecia, and subsequently in that of Northumbria; and under Alfred and his successors it was called Doorham *i. e.* Forest Land, whence its modern appellation. Christianity was introduced into Durham previous to the seventh century.

The city derives its origin from the monks of Lindisfarne, who flying from the Danes with the bones of their founder St. Cuthbert, in 995, fixed their residence on the hill then called Dunholme, where they erected a monastery and cathedral, around which the city grew up. After the Norman conquest, the northern counties seized Durham in opposition to the king, but the leaders were compelled to retreat into Scotland; William I. then founded the castle.

Durham has been the scene of many contests. It was repeatedly besieged by the Scots; near the city stands Neville's

cross, erected by Lord Neville, to commemorate a signal defeat of the Scots in 1346, when David Bruce, their king was taken prisoner. When the Scots invaded England, in 1640, they seized Durham, and retained it until the following year. The first charter is said to have been granted to the city by Bishop Hugh Pudsey, in the reign of Richard I.

The bishopric of Durham, situated in the province of York, esteemed one of the richest in the kingdom, includes the counties of Durham, and Northumberland. The cathedral, a magnificent building, was erected towards the close of the 11th century; it occupies an eminence 80 feet above the level of the river which runs at its base. The extreme length of the building, exclusive of the great western porch or chapel called the Gallilee, is 411 feet, the length of the nave 200 feet; its breadth, including the isles, is 74 feet. On the same eminence with the cathedral, stands the castle, the residence of the bishop, built 1069.

DURHAM UNIVERSITY. During the time of the commonwealth, an attempt was made to establish a university at Durham: the plan was strenuously promoted by Cromwell, and advanced so far as to excite the jealousy and opposition of the universities of Oxford and Cambridge; when the changes which took place at the restoration caused the plan to be abandoned. Recently a plan of this nature has been revived. An act of parliament for the establishment of a university at Durham passed in 1832, incorporating the university by the title of "The Warden, Masters, and Scholars of the University of Durham," and authorising it to enjoy all the property, rights, and privileges which are assured by the said act, or are incident to a university established by royal charter. This charter, which received the Great Seal June 1, 1837, fully recognises and confirms the constitution of the university, as established by the Dean and Chapter. At a convocation holden on Thursday, June 8, the Royal Charter granted to the university was formally received, and a grace passed for the adoption of a university seal.

DURHAM, JOHN GEORGE LAMBTON, EARL OF, Viscount Lambton, and Baron Durham, of the city of Durham, in the peerage of the United Kingdom, was born April 12, 1792, and married, first, Jan. 1, 1812, Miss Harriet Cholmondeley,

who died in May, 1815; and, secondly, Lady Louisa Elizabeth Grey, eldest daughter of the Earl and Countess Grey. He was the son of the late William Henry Lambton, Esq. and Lady Ann Villiers, daughter of the fourth earl of Jersey. He entered parliament in 1814. His most prominent services to the cause of good government were—his opposition to Lord Rippon's corn bill in 1815, and to the bill of indemnity in 1818, his denunciation of ministers in the county of Durham meeting subsequent to the Manchester massacre in 1819, and his parliamentary services at the same period; the introduction of his Reform Bill in 1821, his share in the formation of Earl Grey's Reform Bill, and his bold and strenuous advocacy of the metropolitan boroughs in the house of lords. He was lord privy seal from 1830 to 1833; a privy councillor, a G. C. B., and knight of the foreign orders of St. Andrew, St. Alexander Newsky, St. Anne, and the White Eagle, of Russia; Leopold, of Belgium; and the Saviour, of Greece. In addition to the above, he was high steward of Hull. He set out as ambassador extraordinary on a special mission to St. Petersburg, July 5, 1832.

1838. The earl of Durham was appointed governor-general, &c., of her majesty's provinces within and adjacent to the continent of North America, and also "high commissioner for the adjustment of certain important affairs affecting the provinces of Lower and Upper Canada," Jan. 16. He issued a document on the occasion of proclaiming the indemnity act passed during the previous session, in which he justified the policy pursued by him since his arrival in Canada, and announced his determination to resign his government, Oct. 8. His lordship arrived in England, Nov. 26, the same year. After suffering some time from indisposition he died at Cowes, July 28, 1840.

"Lord Durham had long been acting among the reformers of England. The introduction of his Reform Bill, and his active participation in the framing and carrying of Lord Grey's, show that he was not a mere repeater of party catchwords, nor a mere indulger in a vague liberality of sentiment. The deep interest which he took in the progress of the various commercial missions instituted of late years, and in the establishment of the new principles of colonization,

show him to have had wide and clear insight into what constitutes the physical health and power of a nation. And, lastly, his too brief trial as preparatory legislator in Canada, shows that he possessed the essentials of high administrative talent, contempt for mere routine, with a due appreciation of necessary forms, and the tact for discovering men possessed of official aptitude, for allotting them their appropriate spheres, and encouraging them in their labours."

DURLACH, town, Germany, anciently the capital of the margraviate of Baden-Durlach, but was burned down in 1689, and not rebuilt until the court had been transferred to Carlsruhe.

DURNFORD, GREAT. In this parish church, Bishop Jewell's book, in defence of his "Apology for the Church of England," still remains; it was ordered by Queen Elizabeth, King James I., and Charles I., to be read and chained in all churches throughout England.

DUSSELDORP surrendered to the French, Sept. 6, 1795. Was ceded to Prussia in 1815, and is now the capital of a circle.

DYER, JOHN, poet, author of "The Fleece," &c., born 1700; educated at Westminster-school. He died in 1758, and, in 1761, his works were collected and published in one volume octavo.

DYERS' COMPANY, London, incorporated 1469.

DYING. The Hebrew patriarchs, or some of their neighbours, must have been acquainted with the art of dying as early as A.C. 1930; but whether they were the inventors, and possessed the art exclusively, or borrowed it from the inhabitants of other countries, it is now impossible to determine.

In the time of Moses, A.C. 1491, the artificial preparation of colours, and the art of dying, must have made considerable progress; for in Exodus xxv. 4, 5, where the Hebrews are commanded to bring offerings for the formation of the sanctuary, are specified blue, and purple, and scarlet, and rams' skins dyed red.

When Alexander visited India, in the fourth century before Christ, it was found that the art of dying had risen to great perfection in that country; hence some have concluded that the Indians were the inventors. The Greeks were acquainted with the art of dying purple as early as Homer's time, A.C. 910; but their practice it seems was confined to wool,

No commodity could be more celebrated among the ancients than the Tyrian purple. This was extracted from two kinds of shell-fish, of which the larger was named purpura, and the other kind was a species of the whelk. When the Greeks, under Alexander, plundered the treasury of the king of Persia, A.C. 331, they found in it a considerable quantity of purple, which was 190 years old, and yet had lost none of its beauty or brilliancy. The ancients set so high a value on this colour, that in the reign of Augustus, that is, about the commencement of the christian era, a pound of wool of the Tyrian dye could not be obtained for a sum equivalent to £36 sterling. Shell-fish of similar kinds have been found also in modern times, and in various parts of the world; indeed it is supposed that they are now as plentiful as formerly. The shell-fish which yields the purple colour was found on the coast of England in 1683, by Mr. Cole.

During the time of the crusades, the arts were transmitted from Greece into Italy, and were consequently soon established. A merchant of Florence, in 1300, accidentally discovered the colouring matter called archil or argol, and in 1338, that city contained 200 manufacturers who fabricated 80,000lbs. of cloth.

The art of dying was cultivated with great success at Venice, where, in 1429, an account of all the necessary processes was published, under the title of "Mariogola del' Arte de i Tentori." Giovanni Ventura Rosetti, succeeded in collecting a considerable stock of useful information, relating to the practices adopted by different dyers. The result of his inquiries was published in 1548, under the title of "Plictho." Cochineal and indigo were probably not known in Italy till after this period, for neither of them is mentioned in Rosetti's works.

Soon after the conquest of Mexico by Cortez in 1518, the properties of the cochineal insect became known to the Spaniards, who brought the discovery into Europe. Kuster, a German chemist, discovered the process for dying a scarlet by means of a solution of tin, and in 1643, carried the secret to London. About this time the use of indigo was also introduced; and, by degrees, the improvements thus made in the art of dying, gradually became known throughout Europe.

On the revival of the arts in France

under the celebrated Colbert, that of dying received a proper share of encouragement: by the order of this patriotic minister, a table of instructions for dying was published in 1672. The art continued to receive liberal encouragement in France, where Dufay, Hellot, Macquer, and Berthollet, have been successively charged with the care of this department. Under the direction of Dufay, a new table of instructions, which superseded that of Colbert, was published in 1737. Hellot, who succeeded him, published, in 1740, a methodical description of the processes for dying wool. Macquer, in 1763, published a treatise on dying silk.

The astonishing improvements which, within the last 60 or 70 years, have been made in chemistry, have developed the theory of dying, and given a new and advantageous turn to the art. Its principles are now scientifically deduced from experiments and facts by means of accurate philosophical investigations, and new substances are continually being discovered. The following are some of the most recent.

1839. A method of extracting the colouring matter from wood was employed by a M. Besseyre with much success. He first reduced the woods to very small divisions, and then immediately placed them in a closed vessel exposed to a current of steam. When the whole had attained 80 degrees of heat, it was uncovered, and watered with several pints of cold water. By means of a tap below, the condensed liquid was drawn off, and thrown back upon the chips, and this operation was repeated until the dye had acquired sufficient strength; it was then subjected to evaporation over an open fire, and subsequently in a sand bath, till the extract became a mass, which was soluble in warm water.

June 1, Mr. Solly read to the Royal Asiatic Society a report on some lichens received from India, with a view to ascertain their importance as dye substances. The specimens from Ceylon contained good colouring matter, and some of them, by comparative experiments with the lichens of commerce, yielded as good a dye as kinds worth more than £250 a ton.

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EACHARD, DR. JOHN, an acute writer, and vice-chancellor of the university of Cambridge, born 1636, died 1697.

EACHARD, REV. LAURENCE, author of the "History of England," born 1671, died 1730.

EAGLE has been borne, by way of ensign, or standard, by several nations. The first who assumed it were the Persians, according to the testimony of Xenophon. Afterwards, it was taken by the Romans; who, after a great variety of standards, at length fixed on the eagle, in the second year of the consulate of C. Marius. The eagle was introduced as a standard in the French army under Napoleon. Eagles and colours taken at Ciudad Rodrigo, and Badajos, were placed in the chapel royal, Whitehall, with great ceremony, Sept. 30, 1812. Those taken at the battle of Waterloo, were deposited Jan. 18, 1816.

EAR-OF-CORN, order, began in Britany, 1050.

EARL, a British title of nobility, next below a marquis, was a considerable title among the Saxons. Alfred the Great was invested with the dignity and title in 886, by Ethelred I., grandson of Egbert. William the Conqueror first made it hereditary; giving it in fee to his nobles, and annexing it to shires and counties. But earls are now created by patent, without any authority over, or particular relation to counties.

EARL-MARSHAL, the first appointed in England, 1383.

EARTHENWARE VESSELS, first made by the Romans, A.C., 715; the first made in modern Italy, 1710; the present improved kind began to be made in 1763, by Wedgwood, in England. See **POTTERY**.

EARTHQUAKE, a sudden concussion of the earth, productive of various

effects, such as the emission of flames, water, &c.; the overthrow of buildings, towns, and sometimes of rocks or mountains. Several ancient authors, as Seneca, Strabo, Callisthenes, Pausanias, Pliny, Thucydides, &c., mention a variety of stupendous effects produced by earthquakes, as the separation of mountains, the appearance and disappearance of islands, the destruction of cities, some of which were swallowed up, together with their inhabitants, so effectually as not to leave even a vestige of their former existence. There are, comparatively, few authentic or particular accounts of these phenomena, before the christian era. The following is a chronological list of the most remarkable earthquakes.

A.C. 466. Earthquake at Sparta destroyed 20,000 persons.

A.C. 461. At Rome, attended by prodigies.

A.C. 284. In the Hellespont and Chersonese.

A.C. 31. In Judea.

A. D. 17. Under the reign of the emperor Tiberius, twelve cities of Asia Minor were destroyed in one night, the memory of which is attested by a medal, still extant.

79. Herculaneum buried. See HERCULANEUM.

107. Four cities in Asia Minor, two in Greece, and three in Galatia, overturned.

115. Antioch destroyed.

120. One that swallowed up Nicomedia and several cities.

357. One in Macedonia, swallowed up 150 cities.

370. Nice destroyed.

394. One from September to November, swallowed up several cities in Europe.

458. One that destroyed Antioch, Sept. 14.

480. One at Constantinople, that lasted 40 days.

526. One at Antioch, that destroyed that and other cities.

528. Another at Antioch, that swallowed up 4,800 inhabitants.

541. Pompeiopolis, in Mysia, swallowed up.

543. One felt over the whole world, Sept. 6.

550. In Palestine, Syria, &c.

552. At Constantinople.

557. At Rome and Constantinople.

580. Antioch destroyed.

740. At Constantinople.

749. Many cities of Syria destroyed.

790. At Constantinople.

801. In France, Germany, and Italy, that threw down St. Paul's at Rome.

867. At Mecca, where 1,500 houses and 90 towers were thrown down.

986. Constantinople overthrown, and Greece shaken.

1076. One in England, April 8.

1081 and 1089. Again in England.

1090. One throughout England, followed by a scarcity.

1110. One in Shropshire.

1112. One which overwhelmed Liege and Rottenburg.

1114. One in December at Antiochia, which destroyed several cities and towns, and overturned the cities of Triaeth, and the cities of Mariseum and Mamistria.

1117. In Lombardy for 40 days.

1134. In England, just as Henry I. was about to embark for Normandy, flames of fire bursting out of certain rifts of the earth, August 2.

1137. One that swallowed up Catania and 15,000 souls.

1150. Antioch, Tripoli, and Damascus destroyed.

1178. At Oxenhall, near Darlington, in Durham.

1179. In Hungary and England.

1185. One that overthrew the church of Lincoln, and others.

1186. At Calabria, in Sicily, a city, with its inhabitants, lost in the Adriatic Sea.

1222. At Brisa, in Lombardy, where 2,000 lives were lost.

1247. In England, general one, that threw down St. Michael's on the Hill, without Glastonbury.

1318. The greatest ever known in England, Nov. 14.

1456. One in Naples, when 40,000 persons perished.

1531. At Lisbon, for eight days, which destroyed several churches, upwards of 1500 houses, and buried 30,000 persons in their ruins; several of the neighbouring towns were suddenly engulfed with their inhabitants, and the river Tagus overflowed and ruined half Portugal, Feb.

1556. In China, a whole province swallowed up, with its towns, inhabitants, cattle, &c., and an immense lake of water filled its former site, which still remains.

1580. In London and Westminster,

when part of St. Paul's and the Temple churches fell; it was felt at Sandwich and Dovor, in Kent, April 6.

1586. In the vicinity of Lima, which ran 170 leagues along the coast, and 50 leagues across the mountains, July 9.

1638. In Naples and Sicily, that swallowed up many towns, and upwards of 30,000 persons, March 27.

1682. In Catania, attended with an eruption of *Ætna*, which destroyed that city, and 60,000 inhabitants.

1683. In several parts of England.

1687. Lima destroyed, not more than 20 houses left standing, Oct. 20.

1688. At Naples, when a third part of that city and much shipping were destroyed, June 6, and 7. Smyrna destroyed, June 10.

1689. Lyme in Dorsetshire, nearly destroyed.

1692. Fort Royal in Jamaica destroyed, and 3,000 people lost.

1704. A dreadful one in the Isle of Teneriffe, Dec. 24.

1726. Palermo, in Sicily, nearly swallowed up, Sept.

1727. At Boston, in New England, Oct. 29.

1730. The whole kingdom of Chili swallowed up, with St. Jago.

1731. At Aynho, in Northamptonshire Oct. 10.

1731. At Foggia, in Naples, when more than half the houses were overthrown, and above 2,000 persons buried in the ruins, April 20.

1732. In the city of Avelino, which it destroyed, and Oriana in great part, Nov. 29.

1733. In Calabria, where the territory of Nova Casa sunk 29 feet without destroying a building, April 18.

1734. At Arundel and Shoreham, Oct. 25.

1734. In Ireland, which destroyed five churches and above 100 houses, August.

1736. In Hungary, which turned round a mountain, Oct. 23.

1739-40. At Salemi, near Palermo, which swallowed up a convent, but the monks escaped, Feb. 4.

1744. In Merionethshire, in Wales, several shocks, Feb. 5.

1746. A terrible one at Lima, which destroyed that city, and 5,000 persons lost their lives; there were 74 churches 14 monasteries, and 15 hospitals thrown down, and the loss in effects reckoned immense; it extended itself to Callaõ,

which was destroyed, with about 5,000 of its inhabitants, Oct. 27, to Nov. 20.

1750. In London, February 8, and March 8.

1750. At London, Chester, and Manchester, April 2, and in the same year, the city of Conception, in Chili, overthrown.

1751. At Fiume, in the gulph of Venice, Feb. 5.

1752. The greatest part of the city of Adrianople destroyed, Aug. 22.

1754. Grand Cairo had two-thirds of the houses and 40,000 inhabitants swallowed up, Sept. 2.

1755. The city of Quito in Peru destroyed, April 24.

1755. In the island of Mitylene, in the Archipelago, when 2,000 houses were overthrown; considerable damage was done at Oporto, in Portugal, and at Seville, in Spain; but more particularly at Lisbon, where, in about eight minutes most of the houses and 50,000 inhabitants were destroyed, and whole streets swallowed up. The cities of Coimbra and Bruga also suffered, and St. Ubes was swallowed up; at Faro, 3,000 inhabitants were buried; great part of Malaga was destroyed; one half of Fez, in Morocco, and 12,000 Arabs were swallowed up, and above half of the island of Madeira destroyed: it extended 5,000 miles.

1757. At the Azore isles, where 10,000 persons were buried in the ruins, and the island divided in two, July 9.

1758. At Bordeaux, in France Aug. 11.

1759. At Tripoli, in Syria, which extended nearly 10,000 miles, when Damas lost 6,000 inhabitants, and several other cities, with the remains of Balbeck, were destroyed, Oct. and Dec.

1759. Truxillo, in Peru, was swallowed up, Nov.

1761. Shocks of earthquakes were felt all over Europe.

1766. One at Constantinople, that buried 880 persons.

1767. At Martinico, where 1,600 persons lost their lives, Aug. A tremendous one also experienced at Cephalonia, Oct. 14.

1770. In the Archipelago; 700 houses and 100 inhabitants were lost, Dec.

1773. Guatimala, in New Spain, entirely swallowed up, and many thousand inhabitants lost, Dec. 15.

1778. At Smyrna, which destroyed great part of that city, June 25.

1780. At Tauris, in Persia, where 15,000 houses were thrown down, and great part of the inhabitants perished, March 3.

1784. At Archindschan, when it destroyed the town, and 12,000 inhabitants, July 18.

1784. At Iceland, and some parts of Germany, Nov.

1785. Arequipo destroyed.

1786. In Scotland, and different parts of the north of England, August 11.

1787. In Mexico, and other parts of New Spain, April 18.

1789. The town of Castello, in Italy, and Borgo, had 150 houses destroyed, and 30 houses, &c., swallowed up by an opening of the earth, Sept. 30.

1792. In the counties of Bedford, Leicester, Lincoln, and Nottingham, &c., March 2.

1794. In Turkey, when towns, containing 10,000 inhabitants were lost, July 3.

1794. Near Naples, when the city of Torre del Greco was nearly destroyed, June 13.

1795. In different parts of the north of England, Nov. 18.

1797. At Sumatra, in the East Indies; great damage was done, and above 300 persons perished, Feb. 20.

1797. The whole of the country between Santa Fé and Panama, destroyed by an earthquake, including the cities of Cuzco and Quito, with 40,000 inhabitants, Feb. 7. There were several violent shocks in the West India islands in the same month.

1800. At Constantinople, which destroyed the royal palace, and a great number of buildings: it extended into Romania and Wallachia, to Buchorest and Adrianople, Oct. 26.

1802. Minguin was entirely swallowed up in a lake; Brescia had three churches and 12 houses destroyed, June 12.

1804. So violent a shock in Holland as to cause the chandeliers in Maasling church to vibrate two or three feet, January.

1808. The church of La Tour, and most of the houses in Lucerne, partly destroyed by an earthquake, April.

1809. In several parts of Italy, supposed to have caused some very extraordinary tides in the gulph of Spezzia, the same having continued irregular for eight days after.

1810. In the province of Vellore, in the East Indies, when 6000 persons perished.

1812. Caraccas, in Columbia, when 12,000 persons perished.

1813. In Norway, when 5000 persons perished.

1819. Kutch, near Bombay, the whole district and territory destroyed, including several towns and villages, and the entire city of Bhorg, the capital, which became a heap of ruins, under which were buried 2000 of the inhabitants, June 16.

1819. The following were also felt at different periods of the year, in various parts of the world. At Palermo, Jan. 8; and Feb. 24, when many houses were overthrown. On the 28th, at Tefflis, in Georgia; March 28, at Craw and Mazzera. April 3, 4, and 11, at Capiago, in Chili, three severe shocks occurred, which totally destroyed that city, only 3000 persons escaping. On the 8th, at Temeswar, in Hungary, three shocks took place; and at Landshut, in Germany, on the 10th. On May 26, at Corneto, in Italy, when many houses and persons were destroyed. The 27th, at Sicily, accompanied by violent shocks and eruptions of Etna.

1822. Aleppo destroyed.

1824. At Murcia, in Spain, when four towns and several villages were destroyed, March 21.

1825. Belida, near Algiers, destroyed and 600 persons buried beneath the ruins, Aug. 2.

1826. Nearly one-half of St. Jago de Cuba, destroyed.

1829. At Murcia, Spain, where there was not one of the churches, nor a single edifice which had not been considerably damaged.

1832. In Calabria and Central Italy. See CALABRIA.

1833. At Portsmouth, Chichester, and other places along the channel, July 6, Sept. 18, Nov. 14; and 1834, Jan. 22, 23.

1834. At Pasto, Columbia, January 20; February 27.

1834. An earthquake felt nearly throughout the entire duchy of Parma. No less than 40 shocks were experienced at Borgotaro; and at Pontremoli, many houses were thrown down, and not a chimney was left standing, February 14.

1834. At Katmandoo, (the capital of Nepaul) and its vicinity, 10,000 houses

overthrown by an earthquake, and from 600 to 800 persons destroyed in the several towns of the valley, March 30.

1834. Several partial shocks in England, July 24, and Sep. 22.

1835. Castiglione destroyed; earthquake at Amboyna; at Cape Town; in Andalusia; and in Chili, when the island of Santa Maria, which is situated southward of the bay of Conception, was raised at least 10 feet above its former elevation. See CONCEPTION.

1837. Earthquake in Palestine, Sunday Jan. 1, destroyed the whole of Saffet, Tiberias, and many of the surrounding villages. It was five days after the earthquake, before a few survivors of Saffet recovered from their stupor; the whole number of victims was about 3000. Nov. 7, an earthquake occurred at Valdivia, said to have been more severe than any hitherto felt in that town. The first shock took place at five minutes past eight in the morning, and lasted till a quarter past eight. Repeated shocks continued at intervals till three-quarters past twelve. The only two churches that existed in the town, as well as all the public buildings, were completely destroyed.

1839. A violent earthquake at Martinique, Jan. 11, consisting of two shocks of unexampled violence, lasting thirty seconds; including a short interval between. Fort Royal was entirely destroyed, and it was believed that the earthquake proceeded from the long extinct volcanoes of the island. Jan 27, the shock of an earthquake was felt in St. Mary's, one of the Scilly islands.

1839. A tremendous earthquake occurred at Amerapoor, Ava, between two and three o'clock, on the morning of March 23, and extended with equal violence northward as far as Toungnor, and south to Prome. Pagodas, monasteries, brick dwelling-houses, all within the city, and on the neighbouring hills, were destroyed, and from 200 to 300 lives lost. The towns and villages near the capital were in ruins, and the old city of Ava was stated to be destroyed.

1839. A series of earthquakes shook the city of Messina during the 27th, 28th, and 31st of August.

1839. September 8, about half-past one o'clock the shock of an earthquake was felt generally throughout Monmouthshire and the rest of England. Several shocks were also felt at Edinburgh, in Perthshire, and in the Highlands of Scotland.

1839. On October 1, at two, A.M., a strong shock was felt at San Salvador; and at three, A.M., a concussion nearly destroyed the town.

EAST ANGLIA, Saxon kingdom of, founded 575, ended 792.

EAST GREENLAND discovered by Sir Hugh Willoughby, 1553.

EAST GRINSTEAD TOWER fell down, November 12, 1785.

EAST INDIA COMPANY derived its origin from the attempts of the English to rival the commerce of the Portuguese. An association was formed at London, in 1599, for prosecuting the trade to India. The adventurers applied to Queen Elizabeth for a charter of incorporation, and also for power to exclude all other English subjects, who had not obtained a license from them, from carrying on any species of traffic beyond the Cape of Good Hope or the Straits of Magellan. They obtained the charter, which was dated December 31, 1600. The corporation was entitled, "The Governor and Company of Merchants of London trading into the East Indies." The first governor (Thomas Smythe, Esq.), and 24 directors, were nominated in the charter, but power was given to the company to elect a deputy governor, and, in future, to elect their governors and directors, and such other office bearers as they might think fit to appoint.

The first expedition to India, entrusted to Captain James Lancaster, set sail on the 13th February, 1601. Lancaster entered into commercial treaty with the kings of Acheen and Bantam, and having taken on board a valuable cargo of pepper and other produce, returned to the Downs on the 11th of September, 1603.

1612. Captain Best obtained from the court of Delhi several considerable privileges; and, among others, that of establishing a factory at Surat; which city was henceforth looked upon as the principal British station in the west of India, till the acquisition of Bombay.

1621. The quantity of Indian commodities imported into Europe amounted to £511,548 5s. 8d.; being £954,542 13s. 4d. less than if bought at Aleppo and Alexandria.

1640. Permission to build Fort George was obtained from the native authorities. In 1658 Madras was raised to the station of a presidency. In 1645 the company began to establish factories in Bengal, the principal of which was at Hooghly.

The charter being merely a grant from the crown, and not ratified by any act of parliament, was understood to be at an end when Charles I. was deposed. The company succeeded in obtaining a renewal of their charter from Cromwell, in 1657. Charles II. confirmed this charter in 1661; and, at the same time, conferred on them the power of making peace or war with any power or people not of the christian religion; of establishing fortifications, garrisons, and colonies; of exporting ammunition and stores to their settlements duty free; of seizing and sending to England such British subjects as should be found trading to India without their leave; and of exercising civil and criminal jurisdiction in their settlements according to the laws of England.

1668. The company obtained a very valuable acquisition in the island of Bombay. Charles II. acquired this island as a part of the marriage portion of his wife, Catherine of Portugal. The same reign is memorable also in the company's annals from its being the era of the commencement of the tea trade.

1677. The company obtained a renewal of their charter, receiving at the same time an indemnity for all past misuse of their privileges, and authority to establish a mint at Bombay.

During the latter part of the reign of Charles II., and that of his successor, the number of private adventurers, or interlopers, in the Indian trade, increased in an unusual degree. The company vigorously exerted themselves in defence of what they considered to be their rights, by a prosecution carried on against Mr. Thomas Sandys, for trading to the East Indies without their license. Judgment was given in favour of the company in 1685.

The company obtained a fresh charter from the crown in 1693, but in the following year the trade was virtually laid open by a vote of the house of commons, "that all the subjects of England had an equal right to trade to the East Indies, unless prohibited by act of parliament."

1698. A proposal was made by a number of merchants to parliament for advancing the sum of £2,000,000, to government, on condition of erecting the subscribers into a new East India Company with exclusive privileges. The old company endeavoured to prevent the

appearance of such a formidable rival; notwithstanding which, there were two companies. In 1702 the two were united by an indenture tripartite, to which the queen was the third party; and in 1708 they were perfectly consolidated into one company by their present name of "The United Company of Merchants trading to the East Indies." The authority of parliament was soon after interposed, and government agreed to ratify the terms of their agreement, and to extend the charter to the 25th of March, 1726, with three years' notice.

For some years the company continued to consolidate and extend its commerce. But the unsettled state of the Mogul empire exposed their affairs to perpetual vicissitudes, and they fell into disorder; insomuch that in 1772, their debts were augmented to the amount of more than £1,200,000, and they were obliged to apply to government for assistance. In this crisis government interposed, and a considerable change was made in the constitution of the company.

1781. The exclusive privileges of the company were extended to 1791, with three years' notice; the dividend on the company's stock was fixed at eight per cent.; three-fourths of their surplus revenues, after paying the dividend, and the sum of £400,000 payable to government, was to be applied to the public service, and the remaining fourth to the company's own use.

1793. The company's charter was prolonged till March 1, 1814. In the act for the purpose, a species of provision was made for opening the trade to India to private individuals. All his majesty's subjects, residing in any part of his European dominions, were allowed to export to India any article of the produce or manufacture of the British dominions, except military stores, ammunition, masts, spars, cordage, &c.

For some years previous to the termination of the company's charter, the conviction had been gaining ground, that the trade to the East was capable of being very greatly extended. Very great efforts were consequently made by the manufacturing and commercial interests to have the monopoly set aside, and the trade to the East thrown open. The company vigorously resisted these pretensions; and had interest enough to procure a prolongation of the privilege of carrying on an extensive trade to

China, to April 10, 1831, with three years' notice; the government of India being continued in their hands for the same period; but the same year the trade of India was opened, under certain conditions, to the public. The principal of these conditions were, that private individuals should trade, directly only, with the presidencies of Calcutta, Madras, and Bombay, and the port of Penang; that the vessels fitted out by them should not be under 350 tons burden, &c.

The question as to the renewal of the charter was again discussed in 1832 and 1833, and the company having no reasonable objection to urge against their being deprived of the privilege of trading, the act 3 and 4 Will. IV. c. 85, 1833, for continuing the charter till 1854, terminated the company's commercial character; by enacting that the company's trade to China should cease April 22, 1834, and that the company should, as soon as possible after that date, dispose of their stock on hand, and close their commercial business. Under this act, the functions of the East India Company are wholly political. That body is to continue to govern India, with the concurrence and under the supervision of the board of control, till April 30, 1854. All the real and personal property belonging to the company April 22, 1834, was vested in the crown, and is to be held or managed by the company in trust for the same, subject, of course, to all claims, debts, contracts, &c., already in existence, or that may hereafter be brought into existence by competent authority.

EAST INDIA COMPANY at Embden, established 1750.

EAST INDIA COMPANY of France, formed in 1664, laid the foundation of their settlements at Pondicherry, 1674; abolished by the national assembly, and the trade laid open, January 26, 1791.

EAST INDIA COMPANY of Holland, incorporated 1604.

EAST INDIA COMPANY of Sweden, founded March, 1731.

EAST INDIA DOCKS. See **DOCKS.**

EAST INDIA HOUSE, Leadenhall-street, London, built 1726; enlarged 1799.

EAST INDIES, a general term signifying the continents and islands to the east and south of the river Indus, as far as the borders of China, including Timor

and the Moluccas, Hindoostan, Birman Empire, &c. See **INDIA.**

EAST SAXONS, kingdom of, began 527, ended 746.

EASTBURY PRIORY, Sussex, built 1270.

EASTBY ABBEY, Yorkshire, built 1152.

EASTER, a feast of the church, held in memory of our Saviour's resurrection. The christians of the second century celebrated anniversary festivals in commemoration of that event. The day was called the paschal day, because it was considered as the same with that on which the Jews celebrated their pass-over. Towards the close of the second century, a dispute commenced about the particular time in which this feast was to be kept. The Asiatic churches kept it on the 14th day of the first Jewish month, and three days after commemorated the resurrection of the Redeemer. The western churches celebrated their paschal feast on the night that preceded the anniversary of Christ's resurrection, and thus connected the commemoration of his death with that of his resurrection. The disputants retained their own customs till the fourth century, when the council of Nice abolished that of the Asiatics, and rendered the time of the celebration of Easter the same through all the christian churches. Easter is one of the most considerable festivals in the christian calendar; being that which regulates and determines the time of all the other movable feasts. The rule for the celebration of Easter, fixed by the council of Nice, in the year 325, is that it be held on the Sunday which falls next after the full moon following March 21, *i. e.* the Sunday which falls next after the first full moon after the vernal equinox.

EASTER ISLAND, island in the south Pacific Ocean, discovered by Davis, in 1686, visited by Roggewien on Easter-day 1722, and by Cook in 1774. Also by Captain Beechey, in the Blossom in 1825, in his voyage to co-operate with the polar expedition. It is 2,000 miles from the coast of Chili, and 1 500 from the nearest inhabited land, Pitcairn's Island excepted, which has been peopled by Europeans. The population, Captain Beechey estimated at about 1,200.

EASTERN EMPIRE began, under Arcadius, 395; usurped by Bardas for 10 years, 976; by John Cautacuzenes, for

17 years, 1341; ended, by the Turks taking Constantinople, May 29, 1453.

EASTLAND COMPANY, incorporated 1579.

EASLEY ABBEY, Yorkshire, built 1152.

EBER, the grandson of Shem, born A.C. 2281.

E C B A T A N A, a celebrated city of Asia, the capital of Media, and the residence of the Median and Persian kings, was built A.C. 708, by Dejoces I. who reigned in Media, after the inhabitants had shaken off the Assyrian yoke.

ECCALEOBION. An exhibition has been recently opened in Pall Mall, bearing this classical denomination, the object of which, is, the hatching of chickens by heat. This art has long been practised in China, Egypt, &c. In the latter country the process is carried on chiefly by the inhabitants of a single village, named Berme, and those that live at a small distance from it. The ovens are contained in large rectangular buildings of brick or clay, called mamals, each of which are said to contain about 40 or 50 ovens. It has been supposed that the ovens of Egypt annually give life to about 92,640,000 chickens.

By some such means, in this exhibition-room, Pall Mall, it is possible to bring into existence, through winter as well as summer, a hundred birds a-day, or nearly 40,000 in a year. The exhibition is, however, chiefly to be prized as the means of investigating the process of nature in advancing an organic substance to vitality. Eggs may be broken daily, as they proceed in their developement, and examined by the aid of the microscope; thus exposing to view the actual commencement of life, and the gradual formation of those members which life is to animate. Day after day, similar microscopic inspection will show how the work advances—fibres, brain, intestines, muscles, bones, beak, feathers, are all formed in this wonderful sphere—the yolk, the white, and the shell, contributing their various functions till about the 14th or 15th day, when the birds are so far matured in the shell as to be hatched by keeping them moderately warm; the warmth of the human body, or 98° of Fahrenheit, being the standard. The machine is capable of containing above 2,000 eggs at a time. *Year Book of Facts*, 1840.

ECCLESIASTICAL COURTS, These

courts are held by the king's authority, as supreme head of the church, for matters which chiefly regard religion. In the time of our Saxon ancestors there was no distinction between the lay and ecclesiastical jurisdiction, but William I. under the influence of the monasteries and foreign clergy was induced to separate the ecclesiastical court from the civil. King Henry I. among other restorations of the laws of King Edward the Confessor, revived the union of the civil and ecclesiastical courts, but Stephen proposed an oath, that ecclesiastical persons and ecclesiastical causes should be subject only to the bishop's jurisdiction. The laws and constitutions by which the church of England is governed, are immemorial customs; our own provincial constitutions; the statutes concerning religion; and the canon law, where all others fail. The proceedings in the ecclesiastical courts are according to the civil and canon law. These courts having contributed to the exercise of grievous oppression on persons charged with trivial offences within their spiritual jurisdiction, the statute 27 Geo. III. c. 44. limits the time of commencing suits for defamatory words to six months; and for incontinence and beating in the churchyard to eight months.

1840. A bill was brought in by Lord John Russell, in August, for remedying some of the defects in the ecclesiastical courts. This bill arose out of the case of John Thorogood, who having been proceeded against in these courts for the recovery of certain church rates, and committed to prison for contempt, it was held that the court had no power to discharge the prisoner. The bill provided that, after a person who had been committed for contempt, had been in prison a considerable time, if it should appear to the judge that there were sufficient grounds for his discharge, and the other party should consent to it, he should be discharged at once.

The bill was read a third time, Aug. 5, when an amendment was moved to prevent the possibility of the defendant's being detained in prison by the plaintiff's refusal to consent to his release. Before the bill passed, Lord John Russell proposed, in order to meet the objections, that the following proviso should be added,—“Provided always, that in cases of subtraction of church-rates, in amount not exceeding £5, where the

party in contempt has suffered imprisonment for twelve months or upwards, the consent of the other party to the suit shall not be necessary to enable the judge to discharge the said party."

ECLIPSE. An eclipse of the sun is an occultation of the sun's body, occasioned by the moon's passing in the right line between the earth and sun. An eclipse of the moon is occasioned by the interposition of the earth directly between the sun and moon. Catalogues of eclipses have been calculated by astronomers for many thousand years, by a reference to which any chronological point connected with these phenomena may be at once determined. The following are some of the most remarkable eclipses.

A.C. 585. One of the sun observed at Sardis, predicted by Thales.

424. At Athens.

A.D. 291. One at Rome, caused a total darkness at noon-day.

968. At Constantinople.

1033. In France, dark at noon-day, June 29.

1140. In England, 5 Stephen, occasioned a total darkness, March 21.

1191. Another, June 22; entire darkness, and the stars very visible at ten in the morning: in the same year, the true sun, and the appearance of another, so that astronomers alone could distinguish the difference by glasses.

1715. A total eclipse of the sun in England, when the darkness was so great that the stars faintly appeared, and the birds went to roost in the morning about ten, April 22.

1748. A remarkable one July 14; the quantity eclipsed was ten digits, and, during the time of the eclipse, Venus made a beautifully brilliant appearance.

1836. Great annular eclipse, visible in England. The darkness, probably, owing to the extraordinary clearness of the atmosphere, was not so great as had been anticipated, and consequently, to ordinary telescopes, the stars, that had been marked out in the diagrams as visible, were not to be seen.

1838. Eclipse of the sun, September 18, visible in America, observed by the professor of Yale College, accompanied by Messrs. H. L. Smith, and E. P. Mason, the former having a Gregorian of three feet focus, and the latter a Newtonian of seven feet. The average of the three observers' notes gave the fol-

lowing results, expressed in mean time. Beginning of the eclipse 3h. 21min. 14.47s. End 5h. 52m. 17s.

The following are the principal eclipses to be visible in Europe the remainder of the present century.

1841. Of the sun, Feb. 21, at 11 in the morning, visible in Greenland, Europe, small at south. Of the sun, July 18, at two in the afternoon, visible in Europe, and west of Asia, small at south.

1843. Of the moon, Dec. 6, at midnight, $2\frac{1}{4}$ dig., visible, London.

1844. Of the moon, May 31, at 11, in the afternoon, $15\frac{1}{2}$ dig., Germany. Moon, Nov. 24, at midnight, total, $18\frac{1}{4}$ dig., London.

1845. Of the sun, May 6, $10\frac{1}{2}$ in the morning, visible in Canada, all Europe, except S. E.

1863. Of the moon, June 1, at midnight, $14\frac{1}{4}$ dig., London.

1866. Of the sun, Oct. 8, at five in the afternoon, visible north of America, N. W. of Europe.

1877. Of the moon, Aug. 23, $11\frac{1}{2}$ in the afternoon, total, central France.

1878. Of the moon, Aug. 12, at midnight, $6\frac{1}{2}$ dig., London.

1884. Of the sun, March 27, six in the morning, visible, N. E. of Europe, north of Asia, small at east.

1891. Of the moon, Nov. 16, half-past 12, morning, $17\frac{1}{4}$ dig., Ireland.

1895. Of the sun, March 26, 10 morning, visible, in the Atlantic, Europe, north of Asia.

1898. Of the moon, Jan. 7, midnight, $1\frac{1}{2}$ dig., London. Of the moon, Dec 27, midnight, total, 16 dig., London.

EDDYSTONE LIGHTHOUSE. See LIGHTHOUSE.

EDGAR, Anglo-Saxon king of England, was crowned at Kingston-upon-Thames, 959, died July 1, 975, and was buried at Glastonbury.

EDGAR'S TOWER, Worcester, built 975.

EDGEWORTH, Northamptonshire. In 1499, a battle was fought here between the adherents of Edward IV., and a body of insurgents, in which the former were defeated.

EDGEWORTH, JAMES RICHARD LOVELL, author of "Practical and Professional Education," and father of the celebrated Maria Edgeworth, died Nov. 1817.

EDICT, an order or instrument, signed and sealed by a prince, to serve

as a law to his subjects, as the following: Perpetual edict, compiled by Salvius Julianus, under Adrian, 132. Edict of pacification in France, which gave rise to the league, 1576. Edict of Nantes, published by Henry IV., 1598.

EDINBURGH, probably, owes its name to Edwin, the Anglo-Saxon king of Northumberland, who, in the seventh century, built the castle called from him Edwyne's burgh or Edinburgh. The name occurs in a charter granted by David I., to the abbey of Holyrood in 1128.

The Scots obtained permanent possession of it about 960. A parliament was held here in 1215, under Alexander II., and regular assemblies after 1456, when the Scottish sovereigns removed from Scone, and made this the residence of the court and seat of government. In 1544, the city was taken and burnt by an English army under the earl of Hertford. It suffered also frequently during the subsequent religious contests, which terminated in the establishment of Presbyterianism in Scotland in 1592. Under Charles I. the peace of the city was disturbed by the attempts of Archbishop Laud to restore episcopacy. Sept. 1650, the castle of Edinburgh surrendered to the English, and remained in their possession until the restoration of Charles II.

At the revolution, this fortress was garrisoned by the partisans of James II.; but in June, 1689, was surrendered to the forces of William III. In 1736, Edinburgh was the scene of an insurrection which terminated in the lawless execution of Captain Porteus. In 1745, this city was the head-quarters of Charles Edward Stuart, commonly called the Pretender. The castle was, however, held by the troops of George II. After the final defeat of Charles Edward at the battle of Culloden, the provost was tried on a charge of not having properly defended the city, but was acquitted. It has now for nearly a century, enjoyed tranquillity, and has, in consequence, greatly increased in size, wealth, civilization, and importance.

The foundation of a new college was laid, 1789; new Bridewell built 1791; bank of, foundation laid, June 3, 1801.

A fire at Edinburgh, 1544; great fire also in the Lawn market, 1771; another 1795; 100 houses destroyed by fire, the Tron church greatly damaged, and the lead on the roof, melting with the heat,

poured down in a stream, and injured many, November, 1824.

EDMONSBURY, Str., monastery, Suffolk, built, 663; enlarged, 1031; the arches, near the east gate, built 1148.

EDMUND I., Anglo-Saxon king, fifth son of Edward the elder, crowned at Kingston-upon-Thames, 940. He received a wound, of which he bled to death, May 26, 947.

EDMUND IRONSIDE, was crowned at Kingston-upon-Thames, April, 1016. Murdered at Oxford, Nov. 30, 1016.

EDRED, brother of Edmund I., crowned at Kingston-upon-Thames, Aug. 17, 947. He died in 955.

EDSON, CALVIN, the living skeleton, died of "tabes mesenterica," or tapeworm, 14 feet long, 1833.

EDUCATION, general, in England. In 1818, a select committee of the house of commons was appointed to inquire into the education of the poor, and a circular letter was addressed to the ministers of the respective parishes of Great Britain, requiring returns of the number of schools, endowed and unendowed, and of scholars, both in day and Sunday-schools. Of the children, chiefly of the working-classes in England, that year, 644,282 received daily instruction.

Since the date of these returns, the most extraordinary exertions have been used to promote the education of the people. In the great work of teaching the children of the poor the principles of religion, and the elements of useful knowledge, all parties and persuasions have united with the most charitable zeal. See **SCHOOLS**.

EDWARD THE CONFESSOR, crowned at Winchester, 1042; died, Jan. 5, 1066, aged 65.

EDWARD THE ELDER, was crowned at Kingston-upon-Thames, in 901; died at Farringdon, in Berkshire, in 924.

EDWARD THE MARTYR, was crowned by Dunstan, at Kingston-upon-Thames, in 975. Was stabbed, by the instructions of his mother-in-law, as he was drinking in Corfe-castle, in the isle of Purbeck, in Dorsetshire, March 18, 979.

EDWARD I. of England, born June 16, 1239; succeeded to the crown, Nov. 16, 1272; died at Burgh-upon-the-Sands, in Cumberland, July 7, 1307.

EDWARD II. born at Caernarvon in Wales, April 25, 1284; was the first

king of England's eldest son that had the title of prince of Wales, with which he was invested the same year. He ascended the throne, July 7, 1307; was crowned with his queen, at Westminster, Feb. 26, 1308; murdered at Berkeley-castle, Sept. 21.

EDWARD III., born at Windsor, Nov. 15, 1312; succeeded to the crown, Jan. 13, 1327; crowned at Westminster, Feb. 1, following; died at Richmond, June 21, 1377.

EDWARD IV., born at Rouen, Apl. 29, 1443; was crowned at Westminster, June 28, 1461; died of an ague, at Westminster, April 9, 1483.

EDWARD V., born Nov. 4, 1470; proclaimed king, at London, April 9, 1483; deposed, June 20, following, and with the duke of York, his brother, smothered soon after, by their uncle, who succeeded him.

EDWARD VI., born Oct. 12, 1537; crowned Sunday, Feb. 20, 1547; died of a consumption, at Greenwich, July 6, 1553.

EDWARDS, BRYAN, author of the "History of the West Indies," died 1800.

EDWARDS, GEORGE, the father of ornithologists, died 1773, aged 81.

EDWARDS, JONATHAN, a celebrated American divine, born at Windsor, in Connecticut, in 1703, and educated at Yale College, where he took his degree of bachelor of arts, before he was 17. In 1723, he was admitted to the degree of master of arts; and in the following year, was chosen tutor of the college. In 1726, he resigned his situation, and was ordained pastor of a congregation at Northampton, which he continued to serve with much success, till 1744. His endeavours to check the dissemination of licentious publications, excited such violent disputes and dislikes, as terminated his usefulness at Northampton. In 1751, he became Indian missionary, at the town of Stockbridge, in Massachusetts, and in 1757, was elected to the presidency of the college of New Jersey. He died of the small-pox, March 23, 1758, in the 55th year of his age. The most important of his works, and that by which he is most known, is his "Careful Inquiry into the modern prevailing Notion of that Freedom of Will which is supposed to be essential to Moral Agency," published in 1754.

EDWARDS, WILLIAM, the self-

taught architect,, who erected the bridge called Pont-y-Prydd, over the Tave, and which, for the time, with few exceptions, was the largest arch in Europe, died 1789.

EDWARDS, WILLIAM, a remarkable instance of longevity, died at Caereu, near Cardiff, Glamorganshire, in 1668, aged 168.

EDWIN THE GREAT, king of Northumberland, succeeded as eighth monarch of England, in 624. He lost his life in a battle, at Hatfield, October 3, 633.

EDWY, son of Edward I., was crowned at Kingston-upon-Thames, in 955. He died of grief, 959.

EEL, LIVING ELECTRIC, (gymnotus electricus,) brought to this country from the Amazon river, 1838; and exhibited at the Gallery of Practical Science, Adelaide-street, Strand. On Oct. 22, Professor Faraday, in the presence of Professors Daniell, Owen, Wheatstone, and others, succeeded in obtaining from it the electric spark. The electricity appeared to be of the most intense character, being communicated by simply immersing the hands in the vessel of water containing the eel. By oneshock, not only was the needle of a galvanometer deflected, but chemical action and magnetic induction obtained. Dr. Faraday has since reported to the Royal Society his examination of this gymnotus, and has come to the opinion that its electric power is indetical with common electricity, though more readily developed.

EGALITE', PHILIP, duke of Orleans, guillotined, 1793.

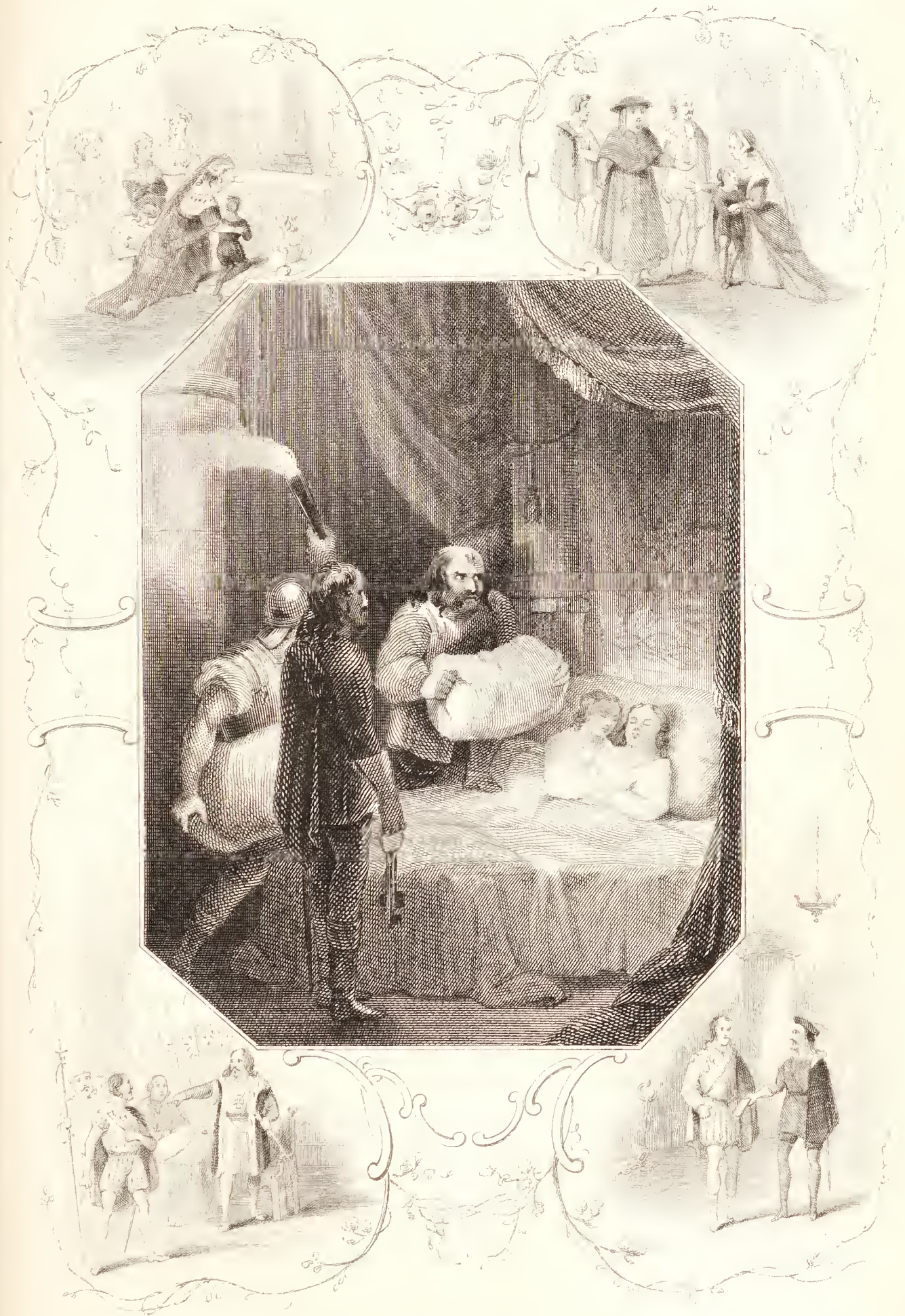
EGBERT, 17th king of the West Saxons, and first sole monarch of the English; was crowned at Winchester, when, by his edict, he ordered all the south of the island to be called England, 827; he died Feb. 4, 837, and was buried at Winchester. See ENGLAND.

EGFRYD, 12th king of the Mercians, became 17th Saxon monarch, July 13, 794; died Dec. 17, following.

EGGS. The trade in eggs forms a considerable branch of our commerce with France. The number imported in 1832 was, 55,651,243. The total number in 1838, from different countries was, 83,745,723.

EGGS, hatching by heat. See EC-CALEOBION.

EGINHART, the most ancient German historian, flourished in the ninth



Death of Edward 5th and the Duke of York

Sanctuary at Westminster and the children

The Duke of York being put up by the Duke of York

Lord Hastings

Edward 5th and the Duke of York taken for one night



century; became secretary and son-in-law to Charlemagne, who sent him to Rome in 806, as his agent with Pope Leo III. ; he died in 839, leaving behind him a life of Charlemagne, written in the Latin language, and Annals of France, from the year 741 to 829: these were inserted by Bouquet, in his collection of French historians.

EGINTON, FRANCIS, a British artist, the restorer of painting on glass; born 1737, died 1805.

EGREMONT CASTLE, Cumberland, built 1070.

EGYPT, an ancient kingdom of Africa, said to have commenced about A.C. 2018, under Misraim, the son of Ham. For nearly four centuries, it was governed by petty sovereigns termed hycsos, or shepherd kings, of whom Amases el Thetmoses first gained an ascendancy, about A.C. 1600. It first attained pre-eminence under Sesostriis, about A.C. 1720. His descendants were ruling in Egypt at the time Jacob and his family settled in the valley of Gessen or Goshen, east of the Nile. To these the Pharaohs (or kings,) succeeded, [who ruled for 12 centuries, until Cambyses, king of Persia, subdued the country, A.C. 525. Egypt continued under the Persian yoke until the time of Alexander of Macedon, who having conquered Persia, A.C. 322, built the city of Alexandria. He was succeeded by Ptolemy, the son of Lagos; 10 kings of that name succeeded each other, till Cleopatra, the sister of the last Ptolemy, ascended the throne about A.C. 51. See CLEOPATRA.

Egypt then became a Roman province, and continued so until the reign of Omar, the second caliph of the successors of Mahomet, who drove out the Romans, A. D. 640, after it had been 700 years a province: the power of the caliphs declined in the 13th century, and in 1250, the Mamelukes became masters of the government; and under these despots, the last shadow of greatness and civilization disappeared. Selim, sultan of the Turks, eventually in the years 1516 and 1517, conquered the last Mameluke sultan, Tunanbai, and Egypt became a Turkish province, governed by a pacha; since that time it has been the theatre of frequent wars between the Mamelukes and Turks.

1798. A French expedition under Napoleon, landed in Egypt, July 2; on the

5th, Alexandria was taken, and Rosetta surrendered on the same day. The French, then 30,000 strong, marched towards Cairo; a decisive engagement was fought on the 23rd, between the French and the Mamelukes, in which the former were victorious; and Buonaparte entered Cairo, on the 24th. But the battle of Aboukir, in which the French fleet was defeated by the British, under Admiral Nelson, having threatened to cut off the communication with France, and the Porte having declared war against France, the inhabitants of Cairo rebelled, and Napoleon's supplies were cut off. The insurrection, however, was subdued, and Napoleon marched into Syria, took El Arish, Jaffa, and undertook the siege of St. Jean d'Acre, which Sir Sidney Smith, a British officer, compelled him to raise.

Napoleon sailed from Egypt, Aug. 23, 1799, leaving the army under Gen. Kleber, who was afterwards murdered at Cairo. The French, then under Gen. Belliard, sustained many disasters, but were at last compelled to capitulate, on condition of being transported to France at the expense of England, and reached their native country just three years and six months from the time they had left Toulon.

From this period perpetual jealousies arose between the Porte and the beys, or Mamelukes; and the power of the former was not sufficiently strong to subdue the more turbulent of them. Buonaparte found means to influence the grand seignior's councillors, who finally prevailed on him to declare his hostility to the British. In consequence of this, an expedition was sent out by the British government; and in an attack upon Rosetta, a large portion of the British were surrounded and cut off, with the loss of 1000 men, killed, wounded, and prisoners.

Mohammed or Mehemet Ali, the celebrated pacha or viceroy of Egypt, soon afterwards rose from the obscurity in which he had hitherto been concealed, and under his vigorous, but despotic government, the affairs of Egypt began again to resume a degree of political importance. In 1811, he invited the Mamelukes to Cairo, receiving them with great ceremony, and apparent friendship, in the citadel, and at the same moment making dispositions for intercepting and basely assassinating them on leaving his pre-

sence. The same treacherous measures were pursued in the provinces, by order of the pacha, where most of the Mamelukes were put to death.

1824. Mehemet Ali completed his long projected army, trained after European fashion. These troops composed that formidable expedition to the Morea, in 1825, which was destined for a considerable time, to give a new feature to the affairs of Greece.

1832. A quarrel took place between the viceroy of Egypt and the grand seignor, which caused an attack on Syria; the former directed his son, Ibrahim, to press the siege of Acre, which capitulated to him. Ibrahim marched against Damascus, defeated the army sent against him, obtained another signal victory over the Turks, and established himself in Caramania.

1833. Terms of peace were proposed on the part of Turkey, which were rejected by the pacha, Mehemet Ali having in 1834, consolidated his authority in Syria. His Egyptian dominions suffered greatly in 1835, from the ravages of the plague. By the end of February, the deaths in Alexandria amounted to 180 or 200 daily. The disease then extended to Cairo, and stretched up the valley of the Nile, sweeping off a great part of the population. In the month of March, the daily deaths in Cairo amounted to between 300 and 400; in May, they had increased to nearly 2000. The town of Fua, situated on the banks of the Nile, and containing a population of 2500 inhabitants, was stated to have lost 1800 of them. The distemper disappeared as the year advanced, but its ravages, joined to the long-continued military exertions of the pacha, had left Egypt almost depopulated.

1838. Early in the summer, Mehemet Ali intimated his resolution to pay no more tribute to the Porte, an announcement which, as it amounted to an express renunciation of his allegiance, was followed by great military and naval preparations on both sides. The diplomatic agents of the European powers were, in the meantime, using all their endeavours to prevail upon Mehemet Ali to withdraw his refusal of tribute.

1839. Hostilities were renewed in June, Hafiz Pacha, the Turkish vizier, having, on the night of the 23rd and 24th, fired on the camp of the Egyptians, Ibrahim, on the 25th, attacked the

Turkish army commanded by Hafiz, near Nesby, between Aintab and El-Bir, and totally defeated it, making 10,000 prisoners, and taking 15,000 guns and 120 cannon. He pursued them on the following day beyond the Euphrates. July 16, Mehemet Ali sent a letter to the grand vizier, acknowledging the receipt of a communication informing him of the sultan's death, and of the new sultan's grant of pardon, and stating, that in consequence of the withdrawing of the Turkish army he had recalled his son Ibrahim from the Euphrates; but, announcing, in reply to the offer of the hereditary possession of Egypt made by the sultan, that he would not be content with anything short of the grant of all the provinces under his government, for himself and heirs, in perpetuity.

1840. The representatives of the four powers, England, Austria, Russia, and Prussia, signed with the Turkish envoy a convention, of which the following are the principal dispositions;—The sultan shall offer to the pacha of Egypt the hereditary possession of Egypt and the pachalick of St. Jean d'Acre for life. If Mehemet Ali does not consent in ten days, the sultan shall offer him Egypt alone. If he still refuses, the four powers engage to force Mehemet into submission.

EHRENBREITSTEIN, a fortress in Germany, was taken by the French in 1632, and again in 1688. It was blockaded by the same enemy in 1799, and surrendered after a siege of 20 months.

EHRET, GEORGE DION., of Baden-Durlach, a celebrated botanical painter, born 1710, died 1770.

EHUD, the Benjamite, judge of Israel, killed Eglon, and so relieved the Israelites from their second bondage, in the 80th year of their rest under Othniel, A.C. 1325.

EICHORN, GOTTFRIED, author of "A Course of General History," died 1827.

ELBA, ISLE OF, near Leghorn, taken possession of by the English, July 6, 1796. Conferred on Buonaparte as his place of retreat on his relinquishing the throne of France, April 5, 1814. After having been quitted by Buonaparte, taken possession of by the grand duke of Florence, July 30, 1815.

ELBURGH, town of Holland, taken possession of by the French, April 1812; by the Russians, January 12, 1813.

ELDON, JOHN SCOTT, EARL OF, was born June 4, 1751. In 1766 he was matriculated and admitted a commoner of University College, Oxford, under the tuition of his brother, the late Lord Stowell, then an eminent scholar in that society. He was elected fellow of the University, July 11, 1767; proceeded to the degree of bachelor of arts February 20, 1770; and gained the chancellor's prize, "On the Advantages and Disadvantages of Foreign Travel," in 1771. He proceeded to the degree of M. A., February 1773.

1776. He was called to the bar, and quitted Oxford for the metropolis; and, in 1781, in the case of the Clithero election petition, for which he was retained, he laid the foundation of that reputation as a sound lawyer which he maintained to the latest period of his life. In 1783 he was introduced into parliament, upon Lord Weymouth's interest, for the borough of Weobly, for which he continued to sit until 1796. In June 1788 he was appointed solicitor-general, and was knighted—an honour which it appears he was desirous of declining; but it was insisted upon by his majesty. On the 13th of February, 1793, he was appointed attorney-general, which office he held for six years. During that period his labours were unremitting. Among the most painful duties of his high office may be mentioned the prosecution, in the year 1794, of Thomas Hardy and Mr. Horne Tooke, and other defendants, for high treason.

1796. Sir John Scott was returned for Boroughbridge, as the colleague of Sir Francis Burdett. On the death of Sir James Eyre he succeeded him as lord chief justice of the Common Pleas, and on the 18th of July, 1799, was raised to the peerage as Baron Eldon, of Eldon, in the county of Durham. In 1801 he became lord high chancellor of England. In the same year he was nominated high steward of the university of Oxford by the duke of Portland, then chancellor of the university. In the year 1830 a law scholarship was founded at Oxford by subscription of many distinguished persons, in honour of the earl of Eldon. Lord Eldon resigned the great seal on the 7th of February, 1806. He was re-appointed April 1, 1807, from which period he continued in office until 1827, being altogether a period of nearly 25 years.

At the coronation of King George IV. the lord chancellor was promoted to the dignities of Viscount Encombe and earl of Eldon, by patent dated July 7, 1821, in which it was expressly stated, by his majesty's special desire, that the said titles were conferred "in consideration of his profound knowledge of the laws of his country, and the distinguished ability and integrity which he had invariably evinced in administering them in his said office of chancellor, during a period of nineteen years." His lordship finally resigned the seal April 30, 1827, having then kept it for a longer period than any of his predecessors. He died January 13, 1838, in his 87th year. His remains were removed on Monday, January 22, for interment to Kingston, county of Dorset, the parish in which his estates of Encombe is situated, and attended out of town by a train of more than 80 carriages, including those of two members of the royal family, and other distinguished personages.

ELECTION, the first, of burgesses to sit in parliament, 1265, in the reign of Henry III.

ELECTION PETITIONS, an act to amend the jurisdiction for the trial of, 2 and 3 Victoria, c. 38, 17th August, 1839. This act also remodels the system of trial of petitions, and minutely details the proceedings to be adopted in such cases.

ELECTIONS, BRIBERY AT. See **BRIBERY**.

ELECTORS OF GERMANY, first began 1298.

ELECTRICITY, like other branches of science, has arisen from very small beginnings. Thales of Miletus, who flourished A.C. 600, was acquainted with the property which amber possesses of attracting light substances. Theophrastus, A.C. 300, notices the electrical power of the lincurium or tourmalin. Pliny, who was suffocated in an eruption of Mount Vesuvius, A.D. 79, also occasionally mentions the attractive property of amber; but all seem to have confined this property to amber, jet, and, perhaps, agate, till the year 1600, when Dr. William Gilbert, a physician of London, published his treatise "De Magnete," in which a considerable accession was made to the list of electrics.

Otto Guericke, the inventor of the air-pump, who died in 1666, was the first who constructed any thing like an

electrical machine. He poured melted sulphur into a hollow glass globe, and thus, having formed a globe of sulphur, he broke the glass away from it as useless or detrimental; little suspecting that the glass itself would have answered his purpose much better than the sulphur. Mr. Hawksbee, in 1709, observed that light is emitted by glass; he likewise noticed the noise it occasions; besides a variety of phenomena connected with electrical attraction and repulsion. The discovery that silk and paper are electrics, was made in 1729.

Mr. Grey, in 1734, suspended pieces of metal on silken lines, and on electrifying them found that they yielded luminous sparks; this furnished the first hint which afterwards led to the construction of metallic conductors. He also discovered on this occasion the cone or pencil of light, such as is now known to issue from an electrified point. Dr. Desaguliers made a number of experiments between the years 1738 and 1743; by means of these he discovered, that pure air is an electric. In 1744, the possibility of setting fire to inflammable substances by electricity, was evinced by the experiments of Dr. Ludolf. The invention of the Leyden phial took place towards the close of 1745, and the discovery is ascribed by some to M. Cunnæus, of Leyden, and by others to M. Von Kleist, dean of the cathedral at Cammin. Lastly, the electrical star and bells were invented in Germany, but by whom we are not informed.

Electrical experiments were made by l'Abbé Nollet to determine the effects of electricity on the evaporation of fluids, on solids, and on organised bodies in general. Dr. Franklin prosecuted the same subject in America; he verified the similarity or rather the identity of electricity and lightning, which had long before been suspected by electricians; for this purpose, in 1752, he raised a kite, which he had prepared for the purpose, and succeeded by means of it in extracting the electrical fire from a thunder cloud.

To Dr. Priestly we are indebted for many original experiments and discoveries, about 1800. He ascertained the conducting power of charcoal, and of hot glass; the electricity of fixed and inflammable air, and of oil; the difference between new and old glass, with respect to the diffusion of electricity over its

surface; the lateral explosion in electrical discharges; a new method of fixing circular coloured spots on the surfaces of metals; and the most probable difference between electrics and conductors, &c.

During the present century the extensive relations which connect electricity with other branches of physical science were discovered, and their importance appreciated. Already have we seen the rise of a new science founded on that peculiar modification of electricity known by the name of galvanism or electro-chemistry, which has arisen as one of the connecting branches between remote divisions of the philosophy of nature. See GALVANISM. Still more recently there has been opened to us, in the subject of electro-magnetism, another new province of science, which establishes a natural connexion between two powers hitherto regarded as distinct. See ELECTRO-MAGNETISM.

The transactions of the Royal Society, and of the Electrical Society recently established, are full of new and valuable communications. In 1837-1838, Professor Faraday continued his valuable researches in electricity. During the Royal Society's season for 1838, on January 11, the reading of the 11th series was concluded. The object of this paper is to establish two general principles relating to the theory of electricity, which appear to be of great importance, first,—that induction is, in all cases, the result of the action of contiguous particles; and, secondly, that different insulators have different inductive capacities.

The council of the Royal Society awarded the Copley medal of 1837 to M. Becquerel, for his various memoirs on electricity, published in the "Mémoires de l'Académie Royal des Sciences de l'Institute de France;" and particularly for those on the production of crystals of metallic sulphurets, and of sulphur by the long-continued action of electricity of very low tension.

June 19, 1838, was read before the Electrical Society, by Mr. Crosse, "An account of a series of daily observations made by him, with a sustaining battery, to ascertain the increase or diminution of the temperature of the atmosphere, during a part of last winter, and commenced previously to a very severe frost which afterwards took place; also, remarks on the agency of heat in electro-crystallization. The most singu-

lar fact connected with this enquiry is the increase of the power of the battery under a diminution of temperature.

Mr. Harris, in 1839, communicated to the "Philosophical Magazine" a memoir on Lightning Conductors, in which he states his confirmed opinion, after a long and severe examination of the laws of electrical action, and of cases of ships and buildings struck by lightning, that a lightning rod is purely passive; that it operates simply in carrying off the lightning which falls on it, without any lateral explosion whatever: this opinion Mr. Harris is prepared to substantiate by numerous cases in which ships have been struck by lightning.

ELECTRO-MAGNETISM. This new science, sometimes called thermo-electricity, has arisen out of recent chemical experiments, which establish the intimate connexion subsisting between chemistry and electricity, as developed in the science of galvanism; and also opens to us another new province of science which establishes a natural connexion between electricity and magnetism. The first experiments by Professor Oersted, of Copenhagen, to determine some analogies between magnetism and electricity, which relations had previously been imperfectly detected by Ritter, were made 1807. The principle was more completely established by Oersted in 1820. The discovery was followed by subsequent experiments in England, France, and Germany.

It was afterwards ascertained, both by Sir H. Davy, and M. Arago, that magnetism may be developed, in steel not previously possessing it, by being placed in the electric current, and may even be excited in the uniting wire itself. Both philosophers ascertained, independently of each other, that the uniting wire, becoming a magnet, attracts iron filings, and collects sufficient to acquire the diameter of a common quill. Various other important facts respecting the communication of magnetism are described in the paper of Sir H. Davy, published in the Philosophical Transactions for 1821, all tending to establish the conclusion that magnetism is produced whenever concentrated electricity is passed through space. The electricity of a common machine, it was afterwards ascertained by the Chev. Yelin, when passed along a helix, either in simple electrical sparks, or discharged from a

battery, has the effect of rendering an inclined needle magnetic.

1822. Professor Seebeck, of Berlin, discovered that electric currents may be produced by the partial application of heat to a circuit formed of two solid conductors. For example, when a semi-circle of bismuth, joined to a semi-circle of antimony, so as to form a ring, is heated at one of the junctions by a lamp, a current of electricity flows through the circuit from the antimony to the bismuth, and such thermo-electric currents produce all the electro-magnetic effects.

1823 to 1833. The science of electro-magnetism relates to the reciprocal action of electrical and magnetic currents; but there are other branches of science arising out of this. M. Ampère, by discovering the mutual action of electrical currents on one another, added, a new branch to the subject, to which he gave the name of Electro-dynamics. He established a theory of electro-magnetism, suggested by the analogy between electro-dynamic cylinders and magnets, founded upon the reciprocal attraction of electric currents, to which all the phenomena of magnetism and electro-magnetism may be reduced, by assuming that the magnetic properties which bodies possess, derive these properties from currents of electricity circulating about every part in one uniform direction. From the law of action and reaction, being equal and contrary, it might be expected that, as electricity powerfully affects magnets so, conversely, magnetism ought to produce electrical phenomena. By proving this very important fact, from a series of highly interesting and ingenious experiments, Dr. Faraday has added another branch to the science, which he has named Magneto-electricity.

The emperor of Russia lately appointed a commission to inquire into the applicability of electro-magnetism as a moving power; and from an official report by this commission, the substance of which is given in the "United Service Journal," 1839, it appeared that Professor Jacobi had succeeded in impelling a vessel by electro-magnetic power. The vessel was of that species of galley which is well known in the Russian navy; its measurement, 26 feet in length, and $8\frac{1}{2}$ in width. On smooth water, it was impelled at the rate of more than three feet per second of time, or somewhat above

two miles per hour; and the average of a number of experiments was from two to three feet per second. It performed a distance of rather less than five miles along the Neva and the town canals in about two hours and a half. The experiments developed much that was unknown on the subject, both of electricity and magnetism, with regard to their practical bearings, and suggested the introduction of very considerable improvements in the construction of machinery upon a larger scale. An American gentleman, (Capt. Taylor,) states that he had been equally successful in applying electro-magnetism, as a driving power to machinery on shore.

ELECTRO-CHEMISTRY. See **GALVANISM.**

ELEPHANT, order of knighthood, began in Denmark, 1478.

ELEUSINIAN, MYSTERIOES, instituted by Triptolemus, A.C. 1383; brought to Athens by Eumolpus, 1356.

ELEVATION OF THE HOST introduced, 1222.

ELGIN MARBLES, purchased by government at £35,000, and added to the British Museum, 1815.

ELI, the 11th judge of Israel, died at Shiloh, A.C. 1116, aged 98.

ELIJAH, prophesied, A.C. 911; supported by the widow of Sarepta, 910; taken up into heaven, 896.

ELISHA, died A.C. 830, having prophesied 60 years.

ELIZABETH CASTLE, Jersey, built 1586.

ELIZABETH, queen of England, born Sept. 7, 1533; sent prisoner to the Tower, 1554; began to reign, Nov. 17, 1558; crowned at Westminster, Jan. 15, 1559; relieved the protestants in the Netherlands with about 200,000 crowns, besides stores, 1569; a marriage proposed to the queen by the duke of Alençon, 1571; but finally rejected, 1581; the Spanish armada destroyed, 1588; Essex, the queen's favourite, beheaded, Feb. 25, 1602; the queen died at Richmond, March 24, 1603; was buried at Westminster, and was succeeded by the son of Mary, queen of Scots, then, James VI. of Scotland.

ELLA, second Saxon monarch, landed at Shoreham, in Sussex, in 477. Assumed the title of king of the south Saxons, in 491, died 499.

ELLENBOROUGH, LORD, a distinguished lawyer, was the son of Dr. Ed-

mund Law, archdeacon and bishop of Carlisle, and was born at Great Salkeld, in Cumberland, Nov. 16, 1750. At the age of 12, he had already begun to exhibit the promise of early talents, and was removed to the Charter-house, where his father had obtained him a place on the foundation. In 1768, he removed to Peter-house, Cambridge, of which college his father had been appointed master in 1754. At college he distinguished himself more by his talents than his assiduity. Upon being called to the bar, his success was not brilliant. He, however, obtained some business on the northern circuit, where it is said he exercised an unbounded influence over the juries. In Westminster Hall, he made no very conspicuous figure at the onset of his career, but his advancement was afterwards considerably promoted by Mr. Justice Buller. The most important business in which Mr. Law was engaged, was the trial of Warren Hastings, and in this instance he acquitted himself, as is well known, with great skill, firmness, and talent. After the trial his business increased rapidly, and he obtained a great access of reputation. At the commencement of the French revolution, state prosecutions were instituted, and he was in general retained for the crown. In February, 1801, he was appointed to the office of attorney-general; the late Mr. Perceval being made solicitor-general at the same time. On March 1, following, he took his seat for the first time in the house of commons; and in April, 1802, under the influence of the Addington administration, he was raised to the chief-justiceship of the king's bench and to the peerage.

1805. When Lord Grenville presented a petition from the Irish catholics, he strenuously opposed the concession of any fresh privileges. Lord Ellenborough was nominated one of the commissioners to enquire into the conduct of the Princess of Wales, in 1813, and March 22, rose in his place in the house of lords, and complained of slanderous publications lately circulated against the conduct of individuals employed in situations of the highest trust. In the trials for libel which so particularly distinguished this period of the administration, a degree of unpopularity attached to the character of his lordship, which when we consider the turbulent spirit of the times, and the arduous duties connected



LORD ELLENBOROUGH.

Died 22 Dec. 1841.

Ellenborough







GENERAL ELLIOTT.

J. A. Elliott

with his office, was almost inevitable. He was at all times subject to those hasty ebullitions of feeling which declared the sincerity of his professions, but frequently exposed him to the shafts of calumny or the malevolence of demagogues. The advancement of Lord Ellenborough, on the score of rapidity, was unexampled; and in this particular he proved far more fortunate than either Mansfield, Kenyon, Thurlow, or Eldon. The attorney-generalship, the chief-justiceship, and patent of nobility, were all granted to him in the course of a single year, and by means of his profession he realised an ample fortune. Lord Ellenborough died in 1818, and was interred Dec. 22, in the Charter-house, by the remains of the founder, Mr. Sutton, who was interred in the reign of Queen Elizabeth.

ELLICHPOOR, city of Hindoostan, was conquered by the Mohamedans, under Allah-ud-Deen, in 1294, after various fortunes, and continued to decay for a lapse of years; it was at last admitted to the benefit of British protection. In 1820, Futteh Jung Khan, usurped the government, but was obliged ultimately, by the interposition of the British authority, to retire into Aurungabad, where he soon after died.

ELLIOT, GEORGE AUGUSTUS, LORD HEATHFIELD, the gallant defender of Gibraltar, was born about 1718. About 1759, he was appointed to the command of the cavalry in the expedition on the coasts of France, with the rank of brigadier-general. In 1775, he was appointed to succeed General A'Court as commander-in-chief of the forces in Ireland. He was appointed to the command of Gibraltar, which was invested in 1779. By a cool and temperate demeanour, he maintained his situation in the garrison for three years, in which all the powers of Spain were employed against it in vain. [See GIBRALTAR.] On his return to England on June 14, 1787, his majesty advanced him to the peerage, by the title of Lord Heathfield, Baron Gibraltar. His lordship died on July 6, 1790, aged 73.

ELLIS, GEORGE, author of "Specimens of Early English Poetry," died April 10, 1815.

ELLISTON, ROBERT WILLIAM, the eminent actor, was born April 7, 1774, in Orange Street, Bloomsbury. First appeared at Bath, in the humble

part of Tressel, in Richard III., April 21, 1791. In 1793, he appeared a second time at Bath, in the character of Romeo. In 1796, he carried off from that city Miss Rundall, a teacher of dancing, and soon after their marriage in London, made his first appearance to a London audience at the Haymarket, June 24. In 1804, when John Kemble quitted Drury Lane, Mr. Elliston was engaged to supply his place; after the theatre was burnt, when the company performed at the Lyceum, he left it in consequence of some quarrel with Thomas Sheridan. He then took the Circus, and having given it the name of the Surry Theatre, commenced performing some of the best plays of Shakspeare, and some operas. In 1805, he published "The Venetian Outlaw," a drama in three acts," which he had himself adapted from the French "Abelino, le grand bandit." When Drury Lane Theatre was let out on a lease in 1819, he became the lessee, at a yearly rent of £10,200. and so continued until declared a bankrupt in 1826. He died June 7, 1831.

ELMINA, or ST. GEORGE DEL MINA, town, west Africa, Gold Coast, founded by the Portuguese in 1481. In 1637 it was taken by the Dutch, to whom it was formally ceded by treaty, in 1641. In 1781, the English were repulsed from before the fortress. In 1808, an insurrection of the inhabitants took place, which did not subside before the governor and many others were slain. During the memorable invasion of the Ashantees, the people of Elmina took part with that savage horde.

ELMO, St. Malta, surrendered to the royal troops of Naples, July 12, 1799.

ELSTREE, CAMBRIDGESHIRE, almost entirely destroyed by fire April 3, 1774.

ELTHAM, KENT. A royal palace was erected here before 1270, for at this period Henry III. kept his Christmas festivals at Eltham. John of Eltham, younger son of Edward II. was born here. Henry VII. made some improvements and James I. paid it the last royal visit in 1612.

ELWES, JOHN, the notorious miser, died Nov. 26, 1789.

ELY, city, England. A nunnery was founded here by Etheldreda, daughter of Anna, king of the East Angles; she died abbess, 679. In 870, the town and nunnery

were pillaged by the Danes; in 970, a benedictine monastery was erected upon the site of the nunnery by Ethelwold, bishop of Winchester, to which Canute the Great became a benefactor. Edward the Confessor was educated here, and Hereward the Saxon found an asylum here from the vengeance of William I.

1109. Ely was erected into a bishop's see, and in 1541, endowed with the fee of the dissolved monastery and other possessions. The cathedral is a venerable edifice, the choir was built in 1234. In 1322, the great tower suddenly fell, and to it succeeded the present beautiful octagonal building, completed in 1342.

EMANCIPATION OF THE CATHOLICS. See **CATHOLICS**.

EMANUEL COLLEGE, Cambridge, founded 1584; sustained damage by fire estimated at £20,000, Oct. 1811.

EMANUEL HOSPITAL, Westminster, instituted 1534.

EMBANKMENT of considerable extent, (motion of) at a short distance from Crewkerne, on the road leading to Ilchester, carrying with it a number of bushes and several trees of ordinary dimensions, in an erect position, the whole mass moving from the summit of Fairhill to its base, and passing over the hedge which divides the road from the hill, to a distance of about 50 yards, Jan. 4, 1828.

EMBDEN, subdued by Hamburg, 1438, made a free port in 1751, and an East India trade with this port was first established, 1769.

EMBROIDERERS' COMPANY, London, incorporated 1591.

EMERSON, WILLIAM, a celebrated mathematician, was born June, 1701, at Hurworth, Durham. His works are very numerous, but are now chiefly superseded by other and more popular writers. He died May 20, 1782.

EMIGRANTS, FRENCH, resident in Great Britain, during the troubles occasioned by the French revolution, by a list so made from the registers of the Alien Office, February 28, 1800; laity 4,153; clergy 5,621: total, 9,774. Law passed for restoring to them such portions of their confiscated property as remained in the hands of the government, or were unsold, September, 1814.

EMIGRATION. In 1823, parliament voted £50,000 for the purpose of enabling a certain number of men, women, and children, to emigrate to our North

American colonies. The number of persons who availed themselves, on that occasion, of the encouragement held out by government, amounted in all to 268, and the expense incurred by the country for each person was £22. These persons, from being in a state of extreme misery, are now comfortably and prosperously settled. This first experiment having been successful, it was followed up, in 1825, by the emigration of 2,024 persons, men, women, and children. The general misery which prevailed during the year 1826, increased the claims of emigration upon public notice as a means of relief. March 14, Mr. Wilmot Horton moved for the appointment of a select committee to inquire into the expediency of encouraging emigration.

1827. This year the committee entered on their labours, which have been the means of laying much important information before the public. Full information has been afforded respecting the demand for labour, and the advantages which are offered to the emigrants in the provinces of Upper and Lower Canada, in New Brunswick, Nova Scotia, at Prince Edward's Island, at the Cape of Good Hope, in New South Wales, and in Van Diemen's Land. Government invited settlers to the new colony at the Swan River, on the western coast of New Holland, under certain regulations, as issued from the colonial office during 1829. It appears from parliamentary papers that, during 1833, 1834, and 1835, 183,237 voluntary emigrants left the United Kingdom; 173,344 being destined for America, and 9,893 for the Australian colonies and the Cape of Good Hope.

EMMA, mother of Edward the Confessor, accused of incontinency, 1034. Stripped of her possessions, 1043. Sent to Wherwell nunnery, 1051.

EMPEDOCLES, a celebrated philosopher, flourished about A.C. 440. His principal work is a poem on the "Nature, and Principles of Things." The time and manner of his death was never certainly known.

EMPEROR, among the ancient Romans, in its complete sense, was first borne by Julius Cæsar; the title descended with the dignity to Octavius Augustus, Tiberius, and Caligula; and afterwards it became elective. After the fall of the Roman empire, the first that bore it was Charlemagne, who had the

title of emperor conferred upon him by Pope Leo III. in 800. In 1723, the czar of Muscovy assumed the title of emperor of all the Russians, and procured himself to be recognized as such by most of the princes and states of Europe. During the imperial dynasty of France, the power of the emperor of Germany was very much reduced; at one period it was nearly extinct. Since the peace it has been somewhat restored, under the title of emperor of Austria, but is still so limited as to be little more than the name.

ENAMELLING was practised by the Egyptians. From them it passed to the Greeks, and afterwards to the Romans. The Britons received the art from their conquerors. That the Saxons practised it is certain, from the jewel found at Athelney, in Somersetshire, and now preserved at Oxford. The tomb of Edward the Confessor, in Westminster abbey, constructed in the reign of Henry III., was also ornamented with enamels. During the present century an imitative enamel has been used, and, through the scarcity of real enamel, is now in much demand for clock plates.

ENCAUSTIC PAINTING, was known to the ancients, and is mentioned particularly by Pliny. After having been long lost, it was revived in 1753, by Count Caylus, a member of the Academy of Inscriptions in France.

ENCKES' COMET. See **COMET.**

ENCYCLOPÆDIA, a term nearly synonymous with **CYCLOPÆDIA**, denoting the circle or compass of the arts and sciences. The earliest was published by Mr. Chambers. The first edition of his Cyclopædia appeared in 1728. See **CHAMBERS.** About 30 years after, appeared the celebrated French Encyclopædia, (*Dictionnaire Encyclopedique*), by D'Alembert, Diderot, and others. The Encyclopædia Britannica, and Dr. Rees's Cyclopædia were commenced in the last century. The Edinburgh Encyclopædia, the Encyclopædia Metropolitana, and various others have been commenced during the present century. The most useful and recent publication of this kind is the "Penny Cyclopædia," now in the course of publication by the Society for the Diffusion of Useful Knowledge.

ENEAS, the Trojan general, died A.C. 1177.

ENFIELD. Edward VI. held his

court at Enfield manor-house, and Elizabeth resided there before her accession to the throne.

ENFIELD, REV. WILLIAM, L.L. D., the author of "Institutes of Natural Philosophy," born 1741, died 1797.

ENGLAND. The early part of the history of England is attended by some obscurity. For a chronological account of it in the time of the Britons, see **BRITAIN, ANCIENT.** From the date of the Saxon heptarchy, when the seven kingdoms were united by Egbert, prince of Wessex, in the beginning of the ninth century, the chronology is more to be depended on.

455. The first of the seven kingdoms erected by the Saxons, was Kent, of which Hengist was the first monarch, and contained the county of Kent. This kingdom began 455, ended 823, having continued 368 years. Its first christian king was Ethelbert.

491. The second kingdom they erected was that of the South Saxons, of which Ella was the first king, and contained the counties of Sussex and Surrey. This kingdom began 491, ended 754, having continued 263 years. Its first christian king was Ethelwolf.

519. The third was that of the West Saxons, of which Cerdic was the first king; he reigned 23 years. It contained the counties of Cornwall, Devon, Dorset, Somerset, Wilts, Hants, and Berks. This kingdom began 519, ended 800, having continued 281 years. Its first christian king was Cinigisil.

527. The fourth was that of the East Saxons, of whom Erchewin was the first king. It contained Middlesex, Essex, and part of Hertfordshire. This kingdom began 527, ended 746, having continued 219 years. Its first christian king was Sebert.

547. The fifth was that of Northumberland. It contained Yorkshire, Durham, Lancashire, Westmoreland, Cumberland, and Northumberland. This kingdom began 547, ended 810, having continued 263 years. Its first christian king was Edwin.

571. The sixth was that of the East Angles. It contained the counties of Suffolk, Norfolk, part of Cambridge, and the Isle of Ely. This kingdom began 571, ended 792, having continued 221 years. Its first christian king was Redwald.

584. The seventh was the kingdom of

Mercia. It contained the counties of Huntingdon, Rutland, Lincoln, Northampton, Leicester, Derby, Nottingham, Oxford, Chester, Salop, Gloucester, Worcester, Stafford, Warwick, Buckingham, Bedford, and Hertford. This kingdom began 584, ended 828, having continued 244 years. Its first christian king was Peada.

The Saxons, though they were divided into seven kingdoms, were for the most part subject to one only, who, by way of distinction, was styled the king of the English nation; those who were more powerful than the rest, giving law to the others, in their several turns.

HENGIST, first Saxon monarch, landed in the Isle of Thanet, 449; and after having surprised Vortigern, and put to death a great number of the Britons, took possession of the best part of his dominions, and laid the foundation of the monarchy. He was born at Augria, in Westphalia, and left behind him two sons and a daughter, having reigned 33 years, died in 488, and was succeeded by Ella.

ELLA, the second monarch, landed at Shoreham, in Sussex, in 477. He continued five years harassing the natives, before he assumed the title of king of the South Saxons, in 491; he governed for six years before the death of Hengist, after whom he succeeded as second monarch. He died, 499.

CERDIC, the third monarch, overcame the British sovereign, Arthur, near the spot now called Chard, in Hampshire, in the seventh year of the reign of Ella's monarchy, and in 519, began the kingdom of the West Saxons, where he reigned 13 years, when he assumed the monarchy, which he continued the space of 21 years, and dying in 534, left two sons. See ARTHUR.

KENRIC, second king of the West Saxons, fourth monarch, the eldest son of Cerdic, immediately after the death of his father, succeeded in his whole dominions. He twice defeated the Britons in the 32nd year of his age. He reigned 26 years, and died, 560.

CEAULIN, OR CHEVELINE, the third king of the West Saxons, and fifth monarch, succeeded his father in both his dignities, and enlarged his kingdom of the West Saxons; but treating his subjects with contempt, he was by them compelled to abdicate his throne in the

33rd year of his reign, and died in banishment, in 593.

ETHELBERT, fifth king of Kent, and sixth monarch of Britain, began to reign 593. St. Augustin first arrived in his dominions, in 596; with his followers were entertained by the king at Canterbury. This king was the first that caused the laws of the land to be collected and translated into Saxon. He died February 24, 617, the 21st of his christianity, the 23rd of his monarchy, and the 56th of his reign over Kent, and was buried at Canterbury.

REDWALD, third king of the East Angles, became the seventh monarch of Britain, 616, and in the 24th year of his reign over the East Angles; who in the second year of his reign had established Edwin on the throne of Northumberland. He died in 624, in the eighth year of his monarchy, and the 31st of his reign over the East Angles.

EDWIN THE GREAT, king of Northumberland, succeeded Redwald his father, as eighth monarch of Britain, 624; he was the first christian, and the ninth king of Northumberland. He received baptism April 12, 627, in the 11th year of his reign. He lost his life in a battle, October 4, 633, the sixth of his christianity, the ninth of his monarchy, and the 47th year of his age. His body was buried at Whitby, in Yorkshire.

OSWALD, the 10th king of Northumberland, and the ninth monarch of Britain, succeeded in 634. He was slain at Maserfield, in Shropshire, Aug. 1, 642, in the ninth year of his monarchy, and the 38th of his age.

OSWY, the 11th king of Northumberland, became the 10th monarch of Britain, October 13, 643. He totally defeated Peada, the Mercian, and Ethelred, king of the East Angles, November 6, 655, and reigned in great glory for 33 years. He it was that decided the long controversy for the celebration of Easter. He died February 15, 670.

WOLFHERE, sixth king of the Mercians, became 11th monarch of Britain in 671; he began to reign in Mercia in 659, and reigned over them 17 years, and was monarch of England four years. He died in 675, and was buried at Peterborough.

ETHELRED, the seventh king of Mercia, and the 12th monarch of Britain, succeeded his brother Wolfhere in both dignities in 675. In the beginning

of his reign, he desolated great part of Kent, and in 677, destroyed Rochester, and many religious foundations; to atone for which he became a monk in 705, and died abbot of Bradney, in the 30th year of his reign, in 716.

KENRED, or **CENRED**, his nephew, the eighth king of Mercia, and 13th monarch, succeeded his uncle in his dominions in 705, and reigned in peace for four years, and then, following his uncle's example, became a monk. In his reign, Pope Constantine ordained the adoration of images to commemorate saints.

CEOLRED, son of Athelred, ninth king of the Mercians, and the 14th monarch, succeeded in 709. He was killed in battle with Ina, king of the West Saxons, in 716.

ETHELBALD I., 10th king of the Mercians, became 15th monarch of Britain in 716. The beginning of his reign was debauched, but he reformed on being admonished by Cuthbert, archbishop of Canterbury; and by way of an atonement, built Croyland Abbey, in Lincolnshire. In the 30th year of his reign, it was enacted that the scriptures should be read in monasteries, and the Lord's prayer and creed taught in the Saxon tongue. In the 40th year of his reign, he was slain by his own subjects, when he was leading his troops against Cuthred, the West Saxon, at Secondine, three miles from Tamworth, in Warwickshire, and was buried at Repton, in Derbyshire, in 757.

OFFA, the 11th king of the Mercians, and 16th monarch. He was born lame, deaf, and blind, which continued till he arrived at manhood, when the Mercian nobles received him for their king. He took up arms against Kent, slew their king at Otteford, and conquered that kingdom. He made great havock beyond the Humber, whence returning triumphant, he went against the West Saxons. He caused a great trench to be dug, from Bristol to Basingwerk in Flintshire, as the boundary of the Britons who harboured in Wales in 774; which they endeavoured to destroy, but were repulsed with great loss. He repulsed the Danes, and procured the canonization of St. Alban. He died at Offley, June 29, 794.

EGFRYD, the 12th king of the Mercians, and 17th monarch of Britain, succeeded his father, in both dignities,

July 13, 794; died Dec. 17, following, and was buried in the abbey church of St. Alban's.

CENOLE, or **RENWOLFE**, 13th king of the Mercians, and 18th monarch, succeeded Egfrid in 795. He was an example of piety, and impartially administered justice. He conquered Kent, gave that kingdom to Cuthred, and kept their king, Pren, captive in Mercia. He built Winchcomb monastery in Gloucestershire. He died in 819, in the 22nd year of his reign, and was buried at Winchcomb.

EGBERT, the 17th king of the West Saxons, and 19th, but first sole monarch of the English, began his reign over the West Saxons in 800. The Cornish and Welsh associated against him, which provoked him to enact a law, commanding no Briton to presume to pass Offa's ditch, and immediate death to his enemies that durst set foot upon English ground. He took Chester, and caused their broken image of Cadwallo to be thrown down from the western gate of London. He conquered Mercia, and laid the foundation of the sole monarchy. His success was so great, in a war undertaken in 809, that in one campaign he reduced all Cornwall to his obedience. He changed the name of Britain to that of England.

The Danes landed several times during the early part of the history of England, for an account of which see **DANES**.

827. About this year, Egbert brought most of the other Saxon princes under his government, and became the first sole monarch of this kingdom. In 833, the Danes landed with great force, at Charmouth, in Dorset, about this year, and maintained their ground against king Egbert. In 835, Egbert engaged them in a second battle, and forced them to quit the island.

838. Egbert having reigned king of the West Saxons 36 years and upwards, 10 of which he was sole monarch of England, died, and was buried at Winchester, February 4. He left two sons and a daughter.

ELTHELWOLF, the eldest son of Egbert, succeeded his father. He is said to have been a monk and bishop of Winchester, and absolved from his vows by Pope Gregory IV.

840. This year is remarkable for the entire destruction of the Picts, by the Scots, their neighbours; and it was

chiefly owing to this event that the Scots look upon Keneth II. as one of the founders of that kingdom.

841. Ethelwolf resigned to his natural son, Athelstan, the kingdom of Kent, Essex, Sussex, and Surry, with the title of king of Kent; reserving to himself the sovereignty of all England, with the kingdom of Wessex. Ethelred, who ruled in Northumberland, was expelled, but three years afterwards was reinstated.

853. Ethelwolf, with the consent of the tributary kings and his great council, granted the tithes of all England to the church; and carried his son, Alfred, along with him to Rome (854) where he rebuilt the English college, extending the gift of Peterpence over all his dominions, for the better support of the students there. He obliged himself also to send to Rome annually 300 marks, 200 of which were to purchase wax tapers for the churches of St. Peter and St. Paul, and the remaining hundred to be at the pope's disposal.

857. Ethelwolf died Jan. 13, and was buried at Steining in Sussex, having reigned 20 years.

ETHELBALD succeeded his father. He reigned about two years and a half, and left his whole kingdom to his brother Ethelbert. He died Dec. 20, 860, and was buried first at Sherborne in Dorsetshire, but removed to Salisbury.

ETHELBERT succeeded his brother in 860, both by his father's and his brother's appointment. He was crowned Jan. 861. In this reign the Danes renewed their invasions, and as they had so long kept from hence, there were no preparations to repulse their attacks. Ethelbert died in 866, having reigned six years; he was buried at Sherborne.

ELHELRED I., third son of Ethelwolf, succeeded to the crown, in whose reign the Danes committed great ravages through the whole kingdom. He had nine set battles with the Danes in one year, and was wounded between Abingdon and Wallingford, in Berkshire, which occasioned his death, April 27, 872.

ALFRED, fourth son of Ethelwolf, succeeded his brother in the 22nd year of his age, 872, was crowned at Winchester, and is distinguished by the title of Alfred the Great. He died at Farringdon, in Berkshire, Oct. 28, 900, in the 24th year of his reign, and was buried at Winchester. See ALFRED.

EDWARD THE ELDER, eldest son of King Alfred, succeeded his father, 900, and was crowned at Kingston upon Thames. In the beginning of his reign Ethelwold, the son of Ethelred, his father's eldest brother, laid claim to the crown; but being overpowered he fled to the Danes, who acknowledged him for king of England, and fought several battles with Edward on his behalf.

925. Edward died in the 24th year of his reign, at Farringdon, in Berkshire, and was buried near his father. He built and repaired several castles and towns, viz. in 918 he built two castles at Buckingham, one on each side the Ouse; in 919 he built one at Bedford on the south of the river; in 920, he repaired and fortified Malden in Essex; in 921, he did the same to Towcester, in Northamptonshire, Wigmore, in Herefordshire, Colchester, in Essex, and Huntingdon; in 922, he built a castle at Stamford in Lincolnshire; in 923, he repaired Thelwall, in Cheshire, and Manchester; in 924, he built the town of Nottingham, on the north side of the Trent, and also a castle near Bakewell in Derbyshire.

ATHELSTAN succeeded, being Edward's eldest son, and was crowned at Kingston upon Thames, in 925, by Athelm, archbishop of Canterbury. He defeated the united forces of Danes and Scots, and made the princes of Wales tributary to him. Soon after, on their making submission, he restored them to their estates. He died at Gloucester, without issue, Oct. 17, 941, and was buried at Malmsbury. See ATHELSTAN.

EDMUND I. the fifth son of Edward, and brother and heir to Athelstan, succeeded to the crown, 941, being about 18 years of age, and was crowned at Kingston. In 945, he gave Cumberland and Westmoreland to Malcolm, king of the Scots, for his assistance against the Danes. In 946, Edmund made the first law, that whoever robbed or stole anything, should be put to death. He was killed in 948, in the seventh year of his reign, by one Leolf, a great robber, May 26, whom he had banished. He was buried at Glastonbury, where Dunstan was abbot.

EDRED, the sixth son of Edward, succeeded his brother Edmund, and was crowned at Kingston, 948, although Edmund left two sons, Edwin and Edgar, infants. In 949, he founded the bishop's

see at St. Germain's, afterwards removed to Crediton, and from thence to Exeter. In 951, Dunstan, abbot of Glastonbury, gained high credit with the king, who submitted even to receive discipline from his hands. Edred rebuilt Glastonbury abbey, on which he laid out vast sums. He permitted Dunstan to introduce the monks into the benefices, and they proclaimed Dunstan's sanctity. He was the first who was styled king of Great Britain: he died of a quinsy, Nov. 23. 955, in the seventh year of his reign, and was buried in the old monastery at Winchester. He had issue two sons named Edfrid and Bedfrid.

EDWY, the eldest son of King Edmund, succeeded his uncle in 955, being about 14 years of age. He banished Dunstan, and was very severe with the monks. He was excommunicated by Archbishop Odo, and his queen used in a most barbarous manner by the clergy. In 956, the monks excited a rebellion, and the king's brother Edgar headed the malecontents, In 955 Prince Edgar seized on Northumberland and Mercia, which Edwy resigned to him, and he was crowned king. He reigned about four years, died with grief, and was buried in the new monastery at Winchester.

EDGAR, surnamed the Peaceable, brother and heir of Edwy, succeeded to the crown, 959, being about 16 years of age; he was crowned at Kingston, and again at Bath, in 973. He increased the royal navy to 360 ships, maintained the dominion of the narrow seas, and reigned in greater splendour than any of his predecessors: he built Ramsey abbey, and 47 other monasteries in different parts of the kingdom. In 960 he made severe laws to punish corrupt magistrates, but his attachment to the monks contributed to his great fame. Soon after he came to the crown, he recalled Dunstan, whom he made archbishop of Canterbury, and bishop of Worcester. In 969 Edgar ordered the isle of Thanet to be laid waste for insulting his laws. In 975 he died in the 32nd year of his age, and the 17th of his reign, and was buried in the abbey of Glastonbury.

EDWARD, surnamed the Martyr, eldest son of King Edgar, succeeded his father, 975, being but 12 years of age; he was crowned by Dunstan at Kingston upon Thames. In this reign the controversies between the regular and the

secular clergy ran high; the laity took part with the seculars (976), dispossessed the monks, and brought in the secular priests and their wives, by force of arms. In 979 King Edward was murdered (May 18,) near Corfe Castle, by his step-mother, Queen Elfrida, to make room for her son. This prince had little more than the name of king for about three years and a half. For his innocence and supposed miracles, after his death, he obtained the surname of Martyr. He was buried first at Warham, and afterwards removed to Shaftsbury.

ETHELRED II., half brother to Edward, succeeded, and was crowned at Kingston, April 14th, 979, by the famous Dunstan, then archbishop of Canterbury. In 993 the Danes invaded the kingdom, but were restrained from further mischief by Ethelred paying them £10,000 to desist and depart; notwithstanding they then departed, so great an emolument excited them to commence hostilities soon after, and they made frequent invasions in 993, 995, 996, 998, and 999, receiving at one payment, about £30,000, raised by a land-tax called Danegelt, established in 991. The Danes grew so imperious as to acquire the title of Lord Danes, which induced Ethelred to order a general massacre of them, Nov. 13, 1002, which began at Welwin in Hertfordshire.

This act exasperated the Danes, and excited them to revenge; for which purpose Sweyn landed on the coast of Devon, in 1003, and on the coast of Norfolk the year following, when he destroyed the city of Norwich, and the town of Thetford; nor did he quit the kingdom till Ethelred had paid him £36,000, which he, the year following, demanded as an annual tribute. In the spring of 1008, they subdued great part of the kingdom, pillaging wherever they went. To stop their progress, it was agreed, in 1012, to pay them £48,000 to quit the kingdom. Soon after, under Sweyn, they entered the Humber, threatening desolation to the whole kingdom, which so intimidated the unhappy Ethelred, that he retired to the isle of Wight, and sent his sons, with their mother, Emma, into Normandy, to her brother, and Sweyn took possession, in 1013, of the whole kingdom.

SWEYN was proclaimed king of England, and no person disputed his title. The first act of sovereignty he exercised was laying on the people an insupport-

able tax; which, however, he did not see enforced, as he died a few weeks after. Sweyn was killed at Thetford in Norfolk, in 1014, and was buried at York. Canute, son of Sweyn, was proclaimed in March, and endeavoured by several acts of munificence, to gain the affections of his English subjects, but without success.

1014. Ethelred II., returned at the invitation of his subjects, and Canute left England. Ethelred's avarice and cruelty soon began to show itself, by his exacting large sums from his subjects, and two Danish lords were sacrificed for their estates. Canute returned with a fleet of 200 sail, and landed at Sandwich, which occasioned Ethelred to retire to the north; but by evading a battle with the Danes, he lost the affections of his subjects, and retiring to London, expired, after a troublesome reign of 37 years, and was buried at St. Paul's, April 24, 1016.

EDMUND II., surnamed Ironside, the third, but eldest son living, of Ethelred, was, upon the death of his father, recognised as king, 1016, by the city of London, and one part of the nation, while the other part acknowledged Canute for their king. Edmund was crowned at Kingston. Several battles were fought between Edmund and Canute, with various success; at last they agreed to divide the kingdom between them; and after reigning nine months, Edmund was barbarously murdered by Duke Edrick, and buried at Glastonbury. With him fell the glory of the English Saxons.

CANUTE, upon the death of Edmund, was recognised as king of all England, and crowned at London, 1017. See CANUTE.

After his death, Nov. 12, 1036, a contention arose about the succession, between his three sons. At length Sweyn succeeded his father in Norway, Harold ascended the throne of England, and Hardicanute reigned in Denmark.

HAROLD I, surnamed Harefoot, was proclaimed king of Mercia, 1036, by one party, and his brother, Hardicanute, who was then in Denmark, was by his friends, elected and proclaimed king of Wessex; but his absence gave Harold an opportunity to have that part delivered up to him, and he was afterwards crowned at Oxford as king of England. Harold died at Oxford, May 18, 1039,

and was buried at Winchester, having no wife or child.

HARDICANUTE, the third son of Canute, and king of Denmark, succeeded his brother, Harold, 1039, being invited by the English to take possession of the throne. He arrived at Sandwich, June 13, and was crowned at London.

1040. An insurrection and open rebellion in Wales, but suppressed, and a law enacted, by which every Welshman who passed Offa's dyke, without permission, was to lose his right hand. Hardicanute died suddenly at Lambeth, June 8, 1041, at the nuptial feast of a Danish lord, which he honoured with his presence, having reigned but two years, and was buried at Winchester.

EDWARD THE CONFESSOR, seventh son of Ethelred, succeeded to the crown, by the donation of Hardicanute, and the interest of Earl Godwin and others. In 1051, William the Bastard, duke of Normandy, visited Edward, who showed him every mark of esteem, in grateful return for the favours he had received from him and the duke, his father, in Normandy, during his residence there, and at the same time Edward gave him a promise, that the crown of England should descend to him. An invasion of the Irish and Welsh, who defeated the troops sent against them.

Edward caused the Saxon laws and customs to be written in Latin, and collected them into a body, which, from thence, were called the laws of Edward the Confessor, and caused the original Domesday Book to be made. Having been educated in Normandy, he preferred the Normans to the highest posts in church and state, introducing the French language and customs. The king, a little before his death, declared the duke of Normandy, his cousin by the mother's side, his successor; and this was said to have been done with the consent of the English nobility. King Edward died Jan. 5, 1066, and was buried at Westminster.

HAROLD II., second son of Godwin, earl of Kent, a powerful and popular nobleman, by the assistance of the clergy his friends, seized the crown, and was crowned at Oxford, 1066. September 25, an invasion of England in different parts; by Tosti, Harold's brother, in the southern parts; and by Harfager, of Norway, in Yorkshire. Harold met them near Stanford-bridge, since called Bat-

le-bridge, where the forces of Harold were victorious, which is one of the greatest victories recorded in history.

William, duke of Normandy, made a descent upon the coast of Sussex, September 29, with a very fine army, in order to make good his claim to the crown. He came to an engagement with Harold, October 14, who was killed upon the spot, and his army entirely defeated at Hastings. He was buried at Waltham abbey, Essex.

WILLIAM I., usually termed the Conqueror, seventh duke of Normandy, natural son of Robert, the sixth duke of Normandy, claimed the crown of England, as the gift of the late king Edward, surnamed the Confessor, 1066. After the battle of Hastings, William retired to Romney, October 15, and then to Dover, which he besieged and took, and strengthened the fortifications; after which he marched to London, and in his way was met by the deputies from Kent, who came to make their submission and demand the preservation of their ancient privileges. He arrived near London, but found the inhabitants inclined to resist him, which obliged him to post himself at Wallingford, and from thence he sent out detachments to cut off all supplies of provisions from the country to London, and his forces wasted the counties of Sussex, Kent, Surrey, Hampshire, Middlesex, and Hertfordshire, quite to Berkhamstead, which obliged the Londoners to submit to him.

1067. William committed the care of England to his half-brother Odo, bishop of Bayeux, and William Fitz Osborne, lately created earl of Hereford, and returned to Normandy. In the mean time England was oppressed by his lieutenants, which occasioned several rebellions. December 6, William returned to England and prevented a revolt. He re-established the tax of Danegelt, September 3, 1068.

1069. King William distributed the lands of England among the Normans; several insurrections occasioned by it in the north of England this year, when 7,000 of William's forces were slain. The Scots, in behalf of Edgar Atheling, advanced as far as York, where they slew 3,000 Normans, but were defeated by King William.

1072. King William marched against Scotland; Malcolm king of Scotland, came to a treaty with him, and consented

to take an oath of fealty, and do homage to King William; and all offenders on both sides were pardoned.

1075. From this time the English enjoyed scarcely any lands or houses, but what they held of the Norman lords upon their own terms.

1080. The king began his general survey of England, called Doomsday-book, in imitation of the Roll of Winton, made by order of King Alfred. He died Sept 9, 1087, in the 61st year of his age, and the 21st year of his reign, at Hermentrude, near Rouen, and was buried at Caen, in Normandy, in a monastery of which he was the founder.

WILLIAM II., surnamed Rufus, the second surviving son of William I., succeeded to the crown of England, by the appointment of his father, 1087. In 1088, Odo, bishop of Bayeux, and earl of Kent, and several of the nobility, rose in arms against him, in favour of his eldest brother Robert, but they were subdued.

1092. Malcolm, king of Scotland, repaired to William, in person, to require a redress of grievances, and was treated by William with contempt, which made him return to Scotland in indignation, and induced him to raise an army. He was killed at the siege of Alnwick, by a spear being thrust into his eye by the earl of Northumberland, who acquired the surname of Percy. At the same time fell Malcolm's sons, and, three days after, his queen Margaret died of grief.

1093. William passed over to Normandy with a powerful army; he soon after sent to England for a reinforcement, and was furnished with £10,000, a considerable sum in those days, with which he bribed the king of France to his interest, and soon after returned to England to suppress an insurrection in Wales.

1100. The king, hunting in New Forest, was killed by an arrow shot at a stag by his bow-bearer, Sir Walter Tyrrel, a Norman knight, in the 44th year of his age, and the 13th of his reign. He was buried in St. Swithin's at Winchester, and left neither wife or issue.

HENRY I., surnamed Beauclerk, youngest son of William I., upon the death of his brother Rufus, repaired to Winchester, seized the royal treasure, and procured himself to be recognised king of England, in 1100. August 5, he was crowned at Westminster, by

Maurice, bishop of London. November 11, he married Matilda, the daughter of Malcolm, king of Scots, by Margaret his wife, sister to Edgar Atheling, and daughter of Edward, son of Edward Ironside.

1101. Robert, duke of Normandy, landed at Portsmouth, and laid claim to the crown. It was afterwards agreed by treaty that Henry should hold the crown for life, paying Robert 3,000 marks annually; that Robert should reign in Normandy, and that the survivor should succeed to both kingdom and duchy. In 1103, Robert visited England, and gave up his pension, of which he soon repented, and retired to Normandy in disgust. In 1105, King Henry made war upon his brother Robert, and went in person against him. In 1106, he took him prisoner, and reduced all Normandy to his obedience. In 1114, Henry suppressed a disturbance on the borders of Wales, and soon after went again into Normandy, and got his son William recognised as his successor in his Norman dominions.

1134. Duke Robert, the king's eldest brother, died at Cardiff castle, in Wales, having being a prisoner 28 years, and was buried at Gloucester. In 1135, the Welsh made incursions and committed ravages. December 2, the king having nominated his only daughter Matilda or Maude, his successor, died in Normandy, of a surfeit with lampreys, in the 68th year of his age, and 36th of his reign. He was buried at Reading. His rightful heir was Matilda, above mentioned, first married to the emperor, Henry IV.

STEPHEN, earl of Bologne and Mortaign, the third son of Stephen, earl of Blois, by Adela, the fourth daughter of William I., taking advantage of the Empress Matilda's absence, usurped the crown, by the assistance of his brother Henry, then bishop of Winchester. He was crowned at Westminster, Dec. 26, by the archbishop of Canterbury, and and received the homage and oaths of the nobility. In 1138, a conspiracy was formed against the king in behalf of the Empress Matilda. The king of Scotland invaded England, obliged Stephen to return to England, and the battle of the Standard was fought at Northallerton, where the Scots were defeated, August 22; soon after which Stephen was attacked with a lethargy, which threatened his life. The Empress Matilda arrived

in England in 1139; she landed at Arundel, in September. A general revolt in favour of Matilda; the earl of Gloucester headed the revolters.

1141. February 1, a battle was fought between the forces of Stephen and Matilda, when Stephen's were worsted at Lincoln, and himself taken prisoner, delivered to Matilda, who committed him to Gloucester gaol. April 7, Matilda was declared queen, in a national synod, and they took oaths of allegiance to her. In 1142, the empress was besieged in Oxford, and made her escape from thence in disguise to Abingdon. In 1149, Henry, son of the empress, arrived in England, and endeavoured to recover his right. In 1153, a peace was concluded between Stephen and Henry, wherein it was agreed, that Stephen should enjoy the crown during his life, and Henry should succeed him; and that the castles built by Stephen's permission, should be all demolished, to the amount of 1100. Stephen died at Dover, October 25, 1154, in the 50th year of his age, and the 19th of his reign, and was buried at Feversham abbey, in Kent.

HENRY II., surnamed Plantagenet, eldest son and heir of Matilda, the empress, the only surviving legitimate issue of Henry I., succeeded to the crown without opposition, 1154. December 17, King Henry was crowned at Westminster, by Theobald, archbishop of Canterbury. He resumed the grants of the crown lands and rents made by King Stephen. He made resumptons likewise in Normandy. He demolished the castles built by the nobles. In 1156, the king called an assembly (or parliament) of the great men at Wallingford, and made them swear to the succession of his sons William and Henry, and confirmed the great charter. Thomas à Becket, archdeacon of Canterbury, was made lord chancellor, and governor to the prince.

1164. Several statutes made at Clarendon, to retrench the power of the church, which were subscribed by the archbishops and bishops. The pope refused to confirm the laws made at Clarendon by his bull; Becket took part with the pope against the king, was impeached, tried, convicted, and fined. See BECKET.

1170. The king caused his son Henry to be crowned, and William, king of Scots, and his nobility to swear allegiance

and fealty to him. The young king's coronation, without his princess, who was daughter of the French king, gave disgust to the French court, and occasioned a short war. In 1181, Henry debauched his son Richard's intended princess, which gave great umbrage to his son; to avoid whose resentment, he endeavoured to embroil him in a quarrel with his brother Henry, but it proved ineffectual, and cemented them the stronger; they formed a design of revenge, but were prevented by young Henry's death, 1183.

1185. The king's son Richard rebelled against him again, and was encouraged by the king of France. In 1186, Henry threatened to disinherit his son Richard for his turbulent conduct, which occasioned his submission. In 1187, Richard and John, the king's sons, in conjunction with the king of France, harassed Henry. In 1189, Henry, deserted by his French subjects, was every where defeated, and obliged to submit to hard terms. July 6, King Henry died in Normandy, with grief, uttering imprecations against his sons, which the bishops present could not persuade him to revoke, in the 56th year of his age, and the 35th of his reign, and was buried at Fonteverard, in France.

RICHARD I., surnamed Cœur de Lion, the third, but eldest surviving son of Henry II., ascended the throne, 1189. He did homage to the king of France, and was crowned duke of Normandy at Rouen, July 20. Richard returned to England, and landed at Portsmouth, August 12, and from thence went to Winchester, August 15, where he took account of his father's treasures, from whence he returned to Westminster. Sept. 3, he was crowned at Westminster. The same year, King Richard and Philip the French king, engaged in the holy war; to defray the expenses of which, Richard sold almost all the crown lands. He appointed Archbishop Longchamp, and the bishop of Durham, regents of the kingdom, and made an alliance with the king of Scotland.

1190. December 11, Richard embarked from Dover for Calais with all his troops, and joined Philip of France at Vezelai; they marched to Lyons, their army consisting of above 100,000 men, and there separated. Richard went to Marseilles. August 7, he sailed from

thence with a large fleet to Messina, but was dispersed by a storm. Richard seized a castle near Messina, but was repulsed.

1191. The regents in England disagreed, and Longchamp assumed the whole management, which occasioned his being tried, condemned, and imprisoned by Prince John, who also ejected him out of his regency. The pope espousing Longchamp's cause, as he was archbishop of Canterbury, ordered John to be excommunicated, but the English clergy refused to obey the orders. Sept. 3. Richard obtained a great victory over Saladin, and repaired the cities that had been dismantled, viz. Ascalon, Joppa, and Cæsarea. The kings of England and France took the city of Acre.

1192. June,—the two kings fell out, on which the French king returned home. Sept. 25. King Richard made a truce with Saladin, and left the holy land. On Oct. 8, he embarked for England, and was shipwrecked near Aquileia, but taking the road to Vienna, he was seized by the duke of Austria; who sent him prisoner to the emperor.

1194 Richard was released Feb. 4. here turned to England March 29, and landed at Sandwich, after an absence of four years. Soon after his arrival, he reduced his brother's party, and was crowned again at Westminster; the king of Scotland assisted at the ceremony, and carried the sword of state before the king. Richard embarked for France in company with the queen's mother, May 12, with a fleet of 100 ships.

1197. King Richard obtained a great victory over the French. In 1198 he was wounded with a poisoned arrow, at the siege of Chalons, of which wound he died, April 6, 1199, in the 41st year of his age, and 10th year of his reign.

JOHN, the sixth and youngest son of Henry II. succeeded to the crown, April 6, 1199, by the appointment of his brother Richard, (though Arthur, the son of Jeffery, King Henry's fourth son was then living) and was crowned at Westminster in great state, May 27. In 1200, the French king set up Prince Arthur, against King John, but a treaty of peace was concluded between them. Oct. 8 King John was crowned a second time, with his Queen Isabella, at Westminster. In 1201, March 25, the king was crowned a third time at Canterbury. The barons refused to attend the king

in the wars abroad. A war commenced against France.

1202. April 14. King John was crowned a fourth time at Canterbury. Aug. 1, King John obtained a great victory, and took his nephew, Prince Arthur, prisoner and his sister Eleanor. Prince Arthur soon after died in prison, said to have been stabbed by the king's own hand.

1205. King John levied a heavy tax upon the English barons, for deserting his service in Normandy. Upon the death of Archbishop Hubert, the monks of Canterbury elected without the king's leave, Reginald, their sub-prior, for their bishop, but afterwards at the instance of the king, chose John Gray, bishop of Norwich, for their archbishop. In 1207, the pope rejected both archbishops and obliged the monks to choose Cardinal Stephen Langton; whereupon King John drove the monks of Canterbury out of England, and confiscated their goods.

1208. The pope placed the kingdom under an interdict. The king confiscated the lands and goods of all the clergy that obeyed the interdict, and banished the bishops. In 1209, the pope excommunicated the king. In 1211, absolved the king's subjects from their allegiance to him. In 1212, the pope proceeded to depose King John, and gave his kingdom to the French king. In 1213, the French king preparing to invade England, King John was compelled to submit to the pope's terms. The king resigned his dominions to the pope, and submitted to hold his kingdom as tributary to him, at the yearly rent of 1000 marks, with absolution. The bishops and barons entered into a confederacy against the king. In 1214, July 2, the interdict released, after it had continued above six years.

1215. The barons made war upon the king. He marched against the barons, and laid siege to Rochester, which he subdued. The city of London, and all concerned against the king, were excommunicated by the pope's second bull. The barons became masters of London, and besieged the king in the Tower, who was obliged to yield to them, and confirm their charter of privileges called Magna Charta, and the charter of forests, in Runnemed, between Staines and Windsor. See MAGNA CHARTA.

The king procured the pope to make the great charter void, and to join with him in his wars against the barons; when

the pope interdicted the barons and their adherents. John, in disgust, retired to the Isle of Wight, and his troops ravaged the kingdom. In 1216, the barons invited over Louis, the Dauphin of France, to their assistance who had great success against the king's troops. The barons did homage, and swore fealty to Louis, as king of England. Oct. 19, King John died (some say poisoned by a monk) at the abbey of Swineshead, in Lincolnshire, in the 51st year of his age, and the 18th year of his reign, and was buried at Worcester.

HENRY III. the eldest son of King John and Queen Isabel, at nine years of age, succeeded his father on the throne, in 1216. He did homage to the pope for the kingdoms of England and Ireland, and swore to pay the annual tribute of 1000 marks to the Roman see. William Marshal, earl of Pembroke, summoned the nobility to attend him at Gloucester, and presented the young king to them, who was crowned there, Oct. 28. In 1217, Henry made his public entry into London, where he swore to maintain the people in their ancient privileges. In 1227, King Henry declared himself of age, and cancelled the great charter, and the charter of the forest, which he had formerly confirmed; which occasioned a conspiracy against him.

1242. An unsuccessful war carried on in France. In 1243, a five years' truce agreed on between England and France. The king returned to England. In 1253, the king departed for France with a fine army, and appointed the queen and his brother Richard co-regents. The charges of his expedition amounted to £2,700,000. In the war he recovered what he had previously lost. Dec. 29, Henry arrived in England at Dover, and the next day made his entry into London, and extorted a large sum of money from the city. In May, 1254, he married his son, Prince Edward, to Eleanor, the king of Castile's sister, and settled Ireland, Gascony, and Wales upon them.

1258. The barons conspired against the king, and compelled him at a parliament at Oxford, to delegate his royal power to 24 persons, 12 to be chosen by himself, and the rest by the peers, reserving only to the king the chief place in all public assemblies, and to swear the expulsion of foreigners from the kingdom. This was the first meeting

where representatives of the commons were present. In 1259, the king resigned his right in Normandy and Anjou to the French king for £3000.

1262. The war began between the king and his barons. The cinque ports declared in favour of the barons, which caused the king to promise compliance. Aug. 5, Henry, during this calm, went to Bourdeaux, where he fell ill of a quartan ague. The barons again united, and the king returned to England, to whom they presented an address, requiring him to conform to his agreement, which he resented, and returned a haughty answer. Sept. 7, the earl of Leicester, was chosen general of the barons' forces, who determined to force the king to a compliance. The barons became possessed of Gloucester, Hereford, Bridgenorth, Worcester, &c., and the Londoners declared against the king. A truce was agreed upon, and peace concluded between the king and the barons, but it did not restore tranquillity to the nation; for, as the king was forced to it, he soon broke it, by endeavouring to surprise Dover castle.

1264. Jan. 23. The case between the king and his barons was referred to the French king, who determined in favour of the king, Feb. 3, but the barons refused to obey his award, upon which the war was renewed. April 3, the king seized Northampton. Henry, attended by Prince Edward, having left England, to meet Louis, king of France, at Amiens, returned to England, and called a parliament at Oxford; but the barons recommenced hostilities the same day, when the king gained several advantages, and marched to London, but was refused any assistance. Hence he went to Lewes in Sussex, where Montford, earl of Leicester, presented him a respectful petition, which he rejected with contempt, and the barons renounced their fealty, May 12. May 14, the earl of Leicester, and the barons, defeated the king's forces, and took Henry, the king of the Romans, and Prince Edward, afterwards Edward I., prisoners; 5000 men were slain.

1264. Earl Montford called a parliament at Winchester, in the king's name, which was the first, wherein two knights for each county, and two burgesses for each borough, were summoned, and was the origin of the house of commons. In 1265, Jan. 28, a parliament was summoned

to consider of the releasing of Prince Edward, when the prince was ordered to be delivered to the king, who continued still a prisoner. The earl of Gloucester declared openly against Montford, earl of Leicester. Prince Edward made his escape, and joined the earl of Gloucester's party, which defeated Montford at Evesham, in Worcestershire, August 4, who was killed with his eldest son upon the spot, and King Henry was released. The confederate barons were greatly persecuted, and their estates confiscated; and London was severely chastised, and obliged to pay 20,000 marks.

1266. The barons rose again, but were reduced. In 1267, Jan. 25, the discontented barons seized the isle of Ely, and Henry besieged Kenilworth Castle, during which time he held a parliament there, Aug. 24, and the decrees there made were published in the camp, Oct. 31. Dec. 10, Kenilworth Castle surrendered; Henry went from Kenilworth to Windsor, where he kept his Christmas, and from thence to London, Feb. 10, 1268, where he held a parliament, which granted him a subsidy, but refused the demands of the pope's legate.

1270. May, Prince Edward embarked at Portsmouth, on a crusade to the Holy Land. King Henry died Nov. 26, 1272, in the 26th year of his age, and the 57th of his reign, and was buried at Westminster Abbey.

EDWARD I., surnamed Longshanks, eldest son of Henry III., by Eleanor, his queen, was proclaimed king, on the death of his father, 1272. Walter Giffard, archbishop of York, Edmund Plantagenet, son of Richard Plantagenet, brother of Henry III., earl of Cornwall, and Gilbert de Clare, earl of Gloucester, by the consent of the nobility, took upon them the administration of the government, the king being absent in the Holy Land. July 12, Edward came to France, and did homage to the French king, for the lands which he held under him. In 1274, July 25, he arrived in England, and was crowned, with his queen, Eleanor, at Westminster. In 1277, Edward relinquished his right to Normandy.

1282, Dec. 11, Llewellen, prince of Wales, was killed, the country reduced, and after preserving its liberty 800 years against the efforts of the English monarchy, was made subject to the laws of England. In 1284, April 25, his son, afterwards Edward II., was born at

Caernarvon, and styled prince of Wales, being the first that had that title.

1286. The king visited his dominions in France, where he resided three years, and appointed Edmund, earl of Pembroke, guardian of the realm during his absence. In 1295, the Scots entered into a war with the French, which was carried on with various successes. In 1296, Baliol revolted, and a war was commenced against Scotland, wherein King Edward obtained a signal victory, took possession of Edinburgh, and made the king of Scots prisoner. The king of Scotland made a resignation of his crown to King Edward, who called a parliament at Berwick, and received the homage of the nobility, and at that time brought the chair out of Scotland which is now in Westminster Abbey (in which our kings are crowned), with the crown, sceptre, &c.

1297. From the 22nd year of this reign, there has been an uninterrupted series of parliaments down to the present time; and by a law made (August 1) as an addition to Magna Charta, it was enacted that no tax should be levied without consent of the knights, citizens, and burgesses, assembled in parliament. November 11. Edward formed a league against France, and embarked with an army of 1,500 horse, and 50,000 foot, among whom were many Scots and Welch. In 1298, there being a new insurrection in Scotland (March 14) under Wallace, the king returned, having made a two years' truce with the French. July 22, the king obtained another victory over the Scots at Falkirk, killing 40,000 of them upon the spot, among whom was John Stuart, the third seneschal, or high steward of Scotland, of that name. A confirmed peace between England and France.

1300. King Edward marched against Scotland a third time; they put themselves under the protection of the pope. 1301. The parliament declared that Scotland was subject to the crown of England, and that the pope had nothing to do with it. 1305. Sir William Wallace, the principal promoter of the insurrection in Scotland (August 15), tried by the laws of England, and executed as a traitor, August 23. In 1306, the Scots rebelled again, and crowned Robert Bruce king of Scotland. King Edward sent an army into Scotland, defeated the Scots near St. John's Town, and took

several of their great men prisoners; among them the brothers of Robert Bruce, who were condemned and executed in England as traitors. In 1307, Robert Bruce defeated the king's general, the earl of Pembroke. Edward, surprised at Bruce's success, summoned his vassals to meet him at Carlisle, and intended to destroy the Scotch kingdom from sea to sea, as he had drawn together the finest army ever seen in England, but he was taken ill at Carlisle. July 7. King Edward died of a dysentery, at Burgh upon the Sands, on his march to Scotland, in the 68th year of his age, and the 35th of his reign, and was buried in Westminster Abbey, October 8.

EDWARD II., surnamed of Caernarvon, the fourth, but only surviving son of Edward I., by Queen Eleanor, succeeded his father, 1307. January 23, 1308, the king married the lady Isabel, daughter of Philip, king of France, at Bologne, and left in his absence Piers Gaveston, an unworthy favourite of the king, guardian of the realm, with unlimited power. On the 24th of February, the king and queen were crowned at Westminster. In 1310, Piers Gaveston being banished by one of the constitutions, the king recalled him, and the lords entered into a confederacy against the king. In 1312, June 19, they took Piers Gaveston in Scarborough Castle, and beheaded him at Blacklow in Warwickshire.

1313. The war was renewed against the Scots. Edward marched against them, but returned without doing any thing. In 1314, the king sustained a great defeat by the Scots, commanded by Robert Bruce, at Bannockburn. June 25, Edward levied an army of 100,000 men, to raise which he borrowed money from all the bishops and monasteries in England. In 1320, the two Spencers, father and son, engrossed the king's favour. The nobility compelled the king to banish them. In 1321, the queen was insulted by one of the confederate barons at Leeds Castle, in her journey on a pilgrimage to Canterbury, and she stirred up the king to a revenge, who levied troops and took the castle. A war commenced between the king and the lords, and the king reversed the banishment of the Spencers. In 1324, the queen being disobliged by the Spencers, took part with the lords against the king, and went into France with her son, prince Edward. In 1325, the queen,

and all her adherents, were declared enemies to the kingdom. The queen removed into Hainault with her son, 13 years of age, whom she married to Philippa, the earl of Hainault's daughter, and raised an army of 2,000 men against the king. September 22, she landed in Essex, and drove the king into Wales. The elder Spencer was taken by her at Bristol, and hanged.

King Edward concealing himself with the younger Spencer in Wales, Prince Edward was declared custos, or guardian of the kingdom. The king and the younger Spencer were taken at Cærphilly, in Glamorganshire. The king was imprisoned at Kenilworth. In 1327 Spencer was hanged and quartered. In January, the queen and prince called a parliament in the king's name, where six articles were drawn up against him for maladministration. The nobility sent these articles to the king, and by their deputies renounced all homage and fealty to him. They judged him unfit to rule, and deposed him; but the prince refused to accept the crown unless his father would resign it, upon which a formal resignation was extorted from him in the 19th year of his reign, and the 43rd of his age; and Edward, his son, was declared king, January 20.

EDWARD III., surnamed Windsor, eldest son of Edward II. and Queen Isabel, succeeded to the crown, Jan. 20, 1327, in his father's lifetime. January 26, the king was crowned at Westminster, and February 2, received the order of knighthood from the earl of Lancaster. The archbishop and 11 others of the nobility, were appointed guardians to the young king; but the queen and Roger Mortimer took upon them the administration of the government. April 14, the deposed king, who had for some time been confined at Kenilworth Castle, was removed to Berkeley Castle, to be treated with greater severity than his late keeper chose to exercise towards him. On his removal he was carried first to Corfe Castle, and thence to Bristol, under the conduct of Sir John Maltravers and Sir Thomas Gurney. September 22, Edward's keepers laid a pillow on his face, and thrust a horn pipe up his body, through which they ran a red-hot iron, and burnt his bowels. His body was privately buried in the cathedral of Gloucester, where soon after his son caused a stately tomb to be erected.

1328. Edward III. restored to Scotland all that Edward I. had taken from them, and renounced all pretensions of superiority over that kingdom. The lady Joan, sister to King Edward, was married to David Bruce, the son of Robert, king of Scotland, being but seven years of age. The earl of Lancaster was attacked by the queen-mother, who stirred up the young king against him, which induced preparations for his defence against the court. In 1329, June 6, Edward sailed from Dover for France, (having appointed his brother, John of Eltham, regent in his absence) with a retinue of 1000 horse, and arrived at Amiens, where he did homage to Philip in the presence of the kings of Navarre, Majorca, and Bohemia, and promised to ratify the homage under the great seal on his return to England, which he did not comply with.

1331. Edward formed the project of conquering Scotland, and made use of Baliol to accomplish his end. In 1333, July 29, Edward defeated the Scots at Halidon hill in Berwickshire; seven Scotch earls were slain on the spot, with 900 knights, 4000 gentlemen, besides 15,000 common soldiers; which defeat was followed by the surrender of Berwick which King Edward annexed for ever to the crown of England. In 1335, Edward in the spring attacked Scotland by sea and land, and advanced as far as the northern ocean, and in the mean time, his brother the earl of Cornwall ravaged the western counties of the kingdom. The earl of Murray, regent of Scotland, was taken prisoner by the English. In 1336, the English troops left in Scotland were defeated, and their leader, the earl of Athol, slain, which revived the courage of the Scots. In 1337, Jan. Edward returned to Scotland, and ravaged the country with great fury; he burnt the town of Aberdeen, and some other places of less note, and leaving a small army with Baliol, returned to England.

The king's success in Scotland made him form a design on France, pretending the salic law, in excluding females from the succession to that crown, did not exclude their male issue. Edward formed several alliances with foreign princes, viz., the emperor Louis of Bavaria, the duke of Brabant, the earls of Gueldre, and Hainault, the archbishop of Cologne, &c. Edward wrote to the pope and cardinals to justify his claim on France, and

demanded the crown of Philip, by the duke of Brabant, whom he made lieutenant-general for that kingdom, with orders to the French, whom he called his subjects to pay him obedience.

1338. Edward set sail from Orwell in Suffolk, with a fleet of 500 ships, for Antwerp, where he arrived July 22. He was made vicar of the empire, and had an interview with the emperor at Cologne, where two thrones were erected in the public market place for their reception. In 1339, Sept. 21, Edward put himself at the head of 40,000 men, and (Oct. 22.) offered battle to Philip king of France, who retired.

1340. Edward took on him the title of king of France, and quartered with his own arms the Fleur de lis of France; he at the same time used the motto, "Dieu et mon droit." Edward in person obtained a victory over the French at sea. He took and sunk all their ships, being 400 sail, and killed 30,000 men. The king entered France with an army of 150,000 men, but a truce for a year was agreed on. As soon as the truce was signed, Edward, with his queen, Philippa, who had lived three years in the Low Countries, returned to England. She had been delivered there of two princes, the last of whom was John of Gaunt. She landed at the Tower, Nov. 30. In 1344, King Edward ordered tournaments to be published, and gave honourable invitation and reception to all persons of distinction, whether natives or foreigners. Philip of France published a like tournament, and by that means got into his power several of the noblemen of Bretagne, who had sided with Edward, and beheaded some of them, who provoked Edward to send Philip a defiance, and made great preparation for renewing the war with France.

1346. Edward embarked for France, July 4, but was driven back to Cornwall by a storm. He re-embarked with his army, which consisted of 1600 ships, great and small, containing 4000 men at arms, 10,000 archers, 12,000 Welsh footmen, and 6,000 Irish, besides a great number of the chief nobility, and the young prince of Wales, then 15 years and one month old, all of whom landed in Normandy. With his army he ravaged the country, burning and plundering whatever came in his way. Edward advanced to Poissi, where Philip endea-

voured to enclose him between the Seine and Oyse, but he took shelter in Ponthieu. Edward encamped at Cressy when the celebrated battle took place, Aug. 24. See CRESSY.

1347. Calais surrendered to Edward on the terms of life to the inhabitants and soldiers, except six of the burghers, who were to be the victims of Edward's revenge, Aug. 4. A few days afterwards Edward made his entry into Calais; he turned out all the native inhabitants and peopled it with English, then returned in triumph to England, where he arrived Oct. 2. In 1355, July, the Prince of Wales, called the Black Prince, made great ravages in Languedoc, Perigord and Limousin, with an army of 12,000 men and besieged Bourges, but the French king approaching at the head of 40,000 men, he withdrew from thence and intrenched himself. Sept. 29, Edward the Black Prince obtained a great victory over the French at Poitiers, where John the French king, and his son Philip were taken prisoners. See POICTIERS.

1357. April. A truce concluded for two years with France. In May, the prince made his triumphant entry into London, with King John his prisoner, and was met by the lord mayor and aldermen in all their formalities. In 1359, Edward resolved to carry the war into France, and confined John in the Tower. March. King Edward marched to the walls of Paris, which holding out against him, he ravaged the whole kingdom, till 6,000 of his men and horses, if we may credit our historians, were killed by a storm of thunder and lightning, which induced him, it is said, to hearken to terms of peace; and the treaty was concluded, May 8, 1360, when the king returned to England. In 1377, June 21, King Edward died at his manor house at Sheen, (now Richmond) in the 65th year of his age, and the 51st of his reign, and was buried in Westminster abbey.

RICHARD II., the only surviving child of Edward, prince of Wales, (called the Black Prince, eldest son of Edward III., by Joan his wife, daughter of Edmund, earl of Kent,) succeeded to the crown, 1377, on the death of his grandfather, being about 11 years old. July 16, the young king was crowned at Westminster. The king's uncles governed the state. November 2, 1381, a parliament met at Northampton, when the king having a

pressing occasion for money, and the treasuries of the rich having supplied the last grant, this was levied by way of poll tax, from which no person was exempted; all above 15 years old were to pay 12 pence each.

1381. This imposition produced serious consequences. One John Ball, a seditious preacher, who affected low popularity, went about the country, and inculcated on his audience the principles of the first origin of mankind from one common stock, their equal right to liberty, and to all the goods of nature, the tyranny of artificial distinctions, &c. These doctrines were greedily received by the multitude, and connected with the severity with which the tax gatherers collected the money, occasioned a rebellion. One of the collectors having demanded of a tyler at Deptford, whose name was Walter, (from thence called Wat Tyler,) 12 pence for one of his daughters, the father refused to pay it, alleging that she was under the age mentioned in the act. The insolent collector refused to depart, and Wat took up a hammer and knocked out his brains. The people took his part, and promised to stand by him. This was the signal for insurrection, for the people immediately rose in Kent, and chose Wat Tyler for their leader; and this example was soon followed by those of Essex. The rebels soon cleared the gaols of all the prisoners, and then proceeded to London, where at first they met with resistance; but forcing their passage over the bridge, they plundered the city and seized on the Tower, wherein were 600 warlike men, and 6,000 archers. They there found the archbishop of Canterbury, and the lord treasurer, with many other noblemen, who were immediately beheaded by the rebels; then they proceeded to the palace of the duke of Lancaster, at the Savoy, which they burnt, with the archbishop of Canterbury's palace, and the magnificent priory of St. John's, Clerkenwell, May 24. This done, they divided themselves into three bodies: Wat Tyler remained about the Tower with 30,000 men; Jack Straw, another of their leaders, advanced into the city with the rebels of Essex, to the number of 60,000; the rest, under the conduct of another leader, lodged themselves upon Mile-end Green. The king published a general pardon, which the Essex men embraced, and returned home. Wat

Tyler rejected the offer, and the king proposed a conference with him in Smithfield, where Wat behaved with great insolence. He took hold of the bridle of the king's horse, and threatened the king with his sword, which so exasperated William Walworth, lord mayor of London, who attended the king, that he struck him dead with his mace. The rebels were preparing to revenge his death, which the king prevented by crying out in a resolute and courageous voice, "Will you kill your king; who will then redress your wrongs?" This staggered their resolution, they threw down their arms, and the rebellion was suppressed.

1386. The parliament obliged the king to discharge his favourites, Michael de la Pole, earl of Suffolk, and Robert de Vere, duke of Ireland; but they were restored to favour on the close of the session. In 1387, the king's favourites endeavoured to make him absolute, and the king communicated his design to the sheriffs, who refused to engage in the plot; this brought on disputes between the king and his nobles. The duke of Gloucester, the king's uncle, and the lords of his party, defeated the king's forces commanded by the duke of Ireland; whereupon, the duke went to Flanders.

1388. The king took refuge in the Tower; when it was discovered he intended to sell Calais and Cherburg to Charles of France. The confederate lords took possession of London, seized upon the judges, and compelled the king to discard his ministers, and call a parliament, where they attainted the archbishop of York, the duke of Ireland, the earl of Suffolk, Chief Justice Tressilian, and others; and afterwards hung Tressilian, and several other persons of quality, and banished the other judges. The confederate lords at a conference with the king, reproached him with his conduct, which Richard answered with tears. They made him consent to the banishment of his favourites; and the judges, who had favoured his designs, were taken off the benches in Westminster-hall, and sent to the Tower. They also compelled the king to renew his coronation oath, and pass an act of general pardon.

1392. As the king's revenues were not sufficient to support his expenses, he attempted to borrow £1,000 of the citizens

of London, but was refused; which he resented, and under colour of punishing a tumult, of little consequence, he stripped the city of her privileges, May 25, took away the charter, and removed the courts of justice to York; nor would he restore them till the Londoners had presented him with £10,000 and two gold crowns. By this he entirely forfeited the affections of the citizens, who made him sensible afterwards, how dangerous it was for a king of England to have London for his enemy.

1399. Large sums were extorted from the subjects, by way of loan, and their provisions seized for the use of the army without paying for them. The earl of Northumberland was declared a traitor by the king, who also banished him, and confiscated his estates. The duke of York, being appointed guardian of the kingdom, the king embarked for Ireland, where he arrived, May 31, at Waterford, whence he marched to Dublin. He was attended by the sons of the duke of Lancaster, by his third wife, and by those of the late duke of Gloucester, whom he carried like hostages, and took with him the best part of his jewels, as if he had foreseen he should never more return to his palace. July 4, in his absence, Henry, late duke of Hereford, now duke of Lancaster, landed in Yorkshire, and was joined by the nobility and gentry. The duke marched to London, and was received with joy. From thence he went to Bristol, which surrendered to him immediately. The earl of Wiltshire and his companions he beheaded. When Richard heard of these transactions, he imprisoned the duke's brothers, with the duke of Gloucester's sons, but was detained by contrary winds, which occasioned the dispersion of some troops raised in Cheshire and Wales for his assistance. Richard landed at Milford Haven, and in the midst of his distress retired to Conway Castle, and proposed an accommodation with the duke of Lancaster, when he offered to the duke of Northumberland to resign his crown, provided that life was promised him and eight others, and desired an interview with the duke of Lancaster.

September 29. Richard made a public resignation of his crown, by delivering it up, with the sceptre, and other ensigns of royalty, and by an instrument signed with his own hand, confessed himself un-

worthy and unfit any longer to govern. This was the next day laid before the parliament, who ordered articles of accusation, and reasons for the deposition to be exhibited, when the duke of Lancaster claimed the crown.

HENRY IV., surnamed of Bolingbroke, only son of John of Gaunt, duke of Lancaster, and fourth son of Edward III. by Blanch, his wife, ascended the throne in 1399. He was crowned October 13, with all the usual formalities, being then 33 years old. Prince Henry, son of Henry IV., 13 years old, was created prince of Wales, and the succession of the crown limited to him and his issue.

1400. King Richard was murdered in Pontefract Castle, being attacked by eight persons, of whom he slew four. He was buried at Langley, and, 14 years after, removed by King Henry V., and honourably interred in Westminster Abbey. He lived 32 years, and reigned 22 years and three months. He died without issue.

1401. Owen Glendower taking advantage of Henry's negligence, revolted; on which Henry published a pardon for the Welsh, provided they submitted by a certain time, which they neglected. October 2, Henry marched against them, but they retiring to the mountains, Henry could only ravage the country, and return to London. The earl of Northumberland, at the battle of Halidon, took many prisoners of great quality, which Henry demanded of him, and obliged him to resign. This gave the earl great disgust, and he determined to resent it by forming a conspiracy in favour of Mortimer, earl of March, then a prisoner in Wales, whom Henry refused to release. The conspiracy was formed by the duke of Surrey, the earls of Northumberland and Salisbury, Owen Glendower, and others. July 22. They were defeated by King Henry at Shrewsbury, and young Percy, surnamed Hotspur, killed.

1405. August 7. The French landed in Wales, with 140 sail and 12,000 men, but Lord Berkley took 14, and destroyed 15 of their ships in Milford Haven. The king marched against them, but being retarded by severe weather, the French re-embarked. In 1408, February 19, the earl of Northumberland raised another insurrection in the north, at York, but was killed before he could assemble his forces.

1413. King Henry died March

in the 47th year of his age, and the 14th of his reign, and was buried at Canterbury.

HENRY V., surnamed of Monmouth, eldest son of Henry IV. and Mary de Bohun (eldest daughter of the earl of Hereford, &c.), succeeded his father, in 1413. April 9, he was crowned at Westminster, and the same day granted a general pardon for all crimes, except murder and rape. He chose for his council persons of the greatest gravity, ability, and repute among his subjects. He removed some of the judges, and advanced others in their room, which, to the knowledge of the law, added a perfect integrity. He did the same with regard to inferior magistrates, and took particular care to fill the vacant benefices with persons of sound principles and known merit. July 14, Disputes with France; Henry sent an embassy to Paris to adjust all differences.

1414. March, Henry demanded the re-establishment of the treaty of Bretagne; the ambassadors offered Catherine, the youngest daughter of Charles IV., in marriage. This Henry did not reject, but prolonged the truce to February in next year. The French king sent ambassadors to England to treat with Henry upon a truce and the marriage. King Henry renewed the claim of the kings of England to the crown of France. The commons approved of the king's claim, and granted him a subsidy of 300,000 marks.

1414. September, the king assembled his troops at Southampton. In 1415, he embarked with 50,000 men for France, having appointed his brother, the duke of Bedford, regent. August 21, landed with his troops at Havre-de-Grace. September 22, he took Harfleur, and made it an English colony, appointing his uncle, Thomas Beaufort, earl of Dorset, governor. The constable of France besieged Harfleur, and a fleet of French ships blocked up Portsmouth and Southampton, and made an attempt upon the Isle of Wight, but were repulsed. Henry was much harassed in his retreat to Calais. He passed the Somme October 19. He met the French army, who offered him battle by a herald October 22, which he accepted, and he presented the herald with a robe of 200 crowns value. This was followed by the famous battle of Agincourt, fought October 24. See AGINCOURT.

Nov. 16, Henry returned to England, taking with him the principal prisoners; he met in his passage a great storm, which destroyed several of his ships. Nov. 23, the king made his entry into London, and was met by the mayor and aldermen, who presented him with a £1000 in gold, in two gold basons, each valued at £500.

1417. March and April, Henry made himself master of St. Loo, Carentum, St. Sauver le Vicomte, and many other places in Normandy, and laid siege to Cherbourg, which lasted three months. July 28, King Henry's second expedition to France, with an army of 26,000 men, on board a fleet of 1500 sail; he took Caen, Calais, and several other places. In 1418, the English took Cherbourg, and several other towns in France, and laid siege to Rouen, the capital of Normandy, which surrendered, Jan. 19, following.

1419. Feb. 12, a conference was held with the Dauphin at Louviers, and Henry granted him a truce till Easter, for all the country between the Loire and the Seine, Normandy excepted. Dec. 24, a second treaty of peace between the French king and the king of England, wherein it was stipulated, that King Henry should marry the Princess Catherine, the French king's daughter, that he should have the regency of France during the French king's life, and succeed him in his throne after his death. The French nobility swore fealty to him.

1420. April 18, Henry took the title of king of France, on a new coin. May 21, the agreement between the kings of England and France was ratified by the French parliament, at Paris, and sent to England to be recorded in the court of Exchequer at Westminster. June 2, Henry married Catherine, the daughter of Charles VI. of France, at Troyes. In 1421, Feb. 9, King Henry having arrived in England with his queen, she was crowned at Westminster. June 10, King Henry went to France again, and took several towns from the Dauphin. The king carried over a newly raised army with him of 28,000 men, for the payment of which, he borrowed money of the most noted men of property.

1422. April, Queen Catherine arrived in France, attended by the duke of Bedford, who had left the regency to his brother, the duke of Gloucester. The

two courts of England and France were held at Paris, and on Whitsunday, the two kings and queens dined together in public. Aug. 31, the king died in France, in the 34th year of his age, and the 10th of his reign, and was buried at Westminster, leaving the duke of Bedford regent in France, and the duke of Gloucester regent of England, during his son's minority. The queen, in honour of the king's memory, caused a statue of silver, gilt, to be laid on his tomb, as large as life, which, in the latter end of the reign of Henry VIII., was conveyed away. He was buried at the feet of Edward the Confessor.

HENRY VI., the only child of Henry V., by his queen, Catherine, of Valois, succeeded his father in the throne, in 1422, being but nine months old. He was proclaimed heir to the crown of France.

Oct. 21, Charles, king of France, survived King Henry but 53 days. The dauphin took upon him the title of king of France, by the name of Charles VII. and formed several alliances with foreign princes, to support his pretensions to his father's throne. November, the parliament nominated the members of the council, filled the offices of the crown, and gave the great seal to the bishop of Durham; the duke of Gloucester was appointed chamberlain and high-constable of England, and protector of the kingdom, in the absence of the duke of Bedford, who was nominated protector of England, defender of the church, and first councillor to the king, with a salary of 8000 marks a year.

1423, 1424. The war still carried on in France. In 1428, the earl of Salisbury raised 6000 men, and went to France. Oct., the English took Jangleval, Mehun, Bangenci, Gergeau, Clery, Sully, and some other towns. The English besieged Orleans, and raised batteries round the town to prevent succours going in. In 1429, the siege was continued by the earl of Suffolk and Lord Talbot. Feb. 12, the siege having been carried on four months, the regent sent a convoy of artillery, ammunition, and provisions, being salt-fish from Paris, under General Fastolfe; the earl of Clermont intercepted him; the English routed him, and slew between 500 and 600 of the French; this was called the battle of "Herrings." May 12, the famous Joan of Arc pretended to be sent from God to

save the kingdom of France; she relieved Orleans, and obliged the English to raise the siege. See JOAN OF ARC. Nov. 6, King Henry was crowned at Westminster, and the protectorship suppressed.

1430. The king embarked for France, the duke of York being appointed regent; for want of money, the king was obliged to pawn his crown and jewels. In 1433, France was perpetually ravaged and harassed by the contending parties, and England extremely impoverished by taxes to support the war. In 1434, May 13, many skirmishes happened with the enemy, and the earl of Arundel was killed in a battle near Beauvais. In 1435, Aug. 6, a congress was held at Arras, to treat of peace, from which the English withdrew with indignation.

1437. All this year the war was carried on with vigour on both sides; Charles headed his own army. In 1444, May 28, a truce was concluded for 18 months, between the English and French. In 1445, April 18, King Henry married Margaret of Valois, the daughter of Reynier, duke of Anjou, titular king of Sicily, Naples, and Jerusalem. May 30, the queen arrived in England and was crowned. The truce with France was prolonged till Nov. 1, 1446; again prolonged to April, 1, 1447.

1448. Richard, duke of York, lineally descended from Edward III., first began to assert his title to the crown of England. In May, the duke of York clandestinely fomented the insurrection of Jack Cade, in Kent, who assumed the name of Mortimer. The king assembled 15,000 men, and marched against the rebels near Sevenoaks. Cade defeated the king's forces; upon which the king retired to Warwick, and Cade entered London. Cade caused the Lord Say, high treasurer, to be taken and beheaded; they hanged his body up and quartered it in Southwark. Cade's soldiers committing great riots, were refused entrance into London; and a pardon being proclaimed by the king, Cade was abandoned by many of his followers. In June, Cade was killed, and his followers dispersed. In August, the French became masters of all Normandy, upon which the duke of Somerset returned to England, and was blamed by the people for the loss of Normandy, and sent to the Tower, when the people plundered his palace.

1451. The duke of York came over from his government of Ireland, and had recourse to arms, upon pretence of mal-administration. He retired into Wales, and wrote to the king to reform the government, and displace some of the ministers; when the king returned him a mild answer. The whole province of Guienne fell under the dominion of Charles, after its being united 300 years to the crown of England, which was dispossessed of every town but Calais and its dependencies. In 1452, the duke of York marched towards London, but afterwards came to a treaty with the king, and dismissed his army. In October, 1453, Henry was seized with a dangerous illness at Clarendon, in Wiltshire, and was removed to London.

1454. February 14, the parliament met and granted the king a subsidy, and tonnage and poundage during life. The duke of York was made protector of the realm by the parliament, and governor of Calais. In 1455, the king recovered from his illness, and resumed his authority. The duke retired to Wales in disgust with the court. March 4, he raised an army in Wales, and marched towards London. March 23, he gave battle to the king's forces near St. Alban's, and routed them, killing the duke of Somerset, the earls of Northumberland and Stafford, and Lord Clifford, upon the spot, and made the king his prisoner, who lost 5000 men, and the duke of York only 600. July 9, the parliament met, and the king having relapsed, the duke of York held the government in the king's name. The parliament petitioned the king to name a protector, who appointed the duke of York, with a salary of 4000 marks per annum.

1460. July 9, the Yorkists followed the king to Northampton, where a battle was fought; the king's army was routed, the duke of Buckingham and the earl of Salisbury killed, and the king made prisoner. August 16, the king was carried to London, and the queen, with the prince, her son, fled to Scotland. In October, the earls of March and Salisbury advanced to London, and called a parliament, and the duke of York arriving from Ireland, claimed the crown. The duke of York was proclaimed, by the sound of trumpet, heir-apparent to the crown, and protector of the realm. November 8, it was agreed in parliament

that King Henry should enjoy the crown during his life, and that the duke of York should succeed him. Henry's letters patent passed, appointing the duke of York protector of the realm and heir-apparent to the crown. December 2, the duke of York marched against the queen with 5000 men only, leaving the king to the care of the duke of Norfolk and Lord Clifford. The duke shut himself up in his castle of Sandall, where the queen provoked him to come out and give battle, when 2800 of his men were slain, and himself killed in the engagement, December 31.

1461. February 2, Edward, earl of March, son and successor of the duke of York, engaged the king's forces, under the earl of Pembroke, and routed them at Mortimer's cross, near Ludlow. February 17, the queen defeated the duke of Norfolk and the earl of Warwick at Bernard's-heath, near St. Alban's, and set the king at liberty; but the earl of March, now duke of York, advancing towards London, with a superior force, she retired northwards. March 2, the duke of York was proclaimed king in the camp. This was reckoned the last day of King Henry's reign.

EDWARD IV., eldest son of Richard, duke of York, (son of Richard earl of Cambridge, and Anne his wife, who was daughter of Roger, earl of March, the son of Edmund Mortimer, and Philippa his wife, who was daughter of Lionel, duke of Clarence, the third son of Edward III.) succeeded to the crown. He was elected by the chief men, March 3, 1461. Henry's army consisted of 60,000 men, and Edward's of 48,000. March 29, King Edward obtained a great victory over King Henry's forces at Towton, in Yorkshire, where were slain 36,000 men; upon which King Henry, with his queen and son, retired into Scotland, and delivered up Berwick to the Scots. The king was crowned at Westminster, June 28.

1463. Queen Margaret landed in the north of England, and went to Berwick. Richard Nevill, earl of Warwick, was sent upon an embassy to propose a marriage between Edward and the lady Bona, daughter to the duke of Savoy. In February, 1465, King Edward married the Lady Elizabeth Grey, the widow of Sir John Grey, while the earl of Warwick was upon his embassy, which provoked the earl to desert the king's in-

terest. May 26, the queen was crowned at Westminster.

1466. February 11, King Edward's queen was delivered of a daughter, named Elizabeth, afterwards married to King Henry VII., whereby the families of York and Lancaster were united. Sept. 13, the earl of Warwick arrived at Dartmouth with 60,000 men, caused Henry VI. to be proclaimed, and published an order in his name for his subjects to take arms and expel Edward. Edward retired into Lincolnshire and was pursued, where he embarked and went to Holland, to the duke of Burgundy, his brother-in-law, by whom he was well received. November 6, a parliament was called, by which King Henry, after three years' imprisonment, was released from the Tower, reinstated in the government, the succession settled in his family, and King Edward was attainted as a traitor and usurper.

1471. March 12, King Edward, being assisted by the duke of Burgundy, with 2000 Dutch troops, landed in Yorkshire, seized York, and marched to Nottingham; and the duke of Clarence came over to him on the 29th. April 11, King Edward took possession of London again, being about six months after his leaving it, and imprisoned King Henry. June 20, King Henry was murdered in the Tower, by the duke of Gloucester, as it is said, in the 50th year of his age. He was buried first at Chertsey Abbey, thence removed, and solemnly interred at Windsor. He was reckoned to have reigned 38 years; he left no issue behind him, his only son, Edward, being killed.

1473. The King Edward IV. entered into a treaty with the duke of Burgundy to invade France; the duke was to assist him with an army of 20,000 men. In 1475, Edward ordered his troops to assemble, May 26, at Portsmouth, to the number of 30,000, all Englishmen. But the king gave himself up to pleasures, and raised money by illegal methods. A treaty was concluded between Edward and Louis, wherein the latter was to pay England 50,000 crowns yearly.

1483, April 6, King Edward died of a surfeit at Westminster, in the 23d year of his reign, and the 42d of his age, and was nobly interred at Windsor, in the new chapel, the foundation of which he himself had laid.

EDWARD V., eldest son of King Edward IV., succeeded his father, 1483,

at the age of 11 years, but was never crowned. At Edward's accession to the crown, there were two parties formed at court, the old and new nobility; the king protected the latter. Richard, duke of Gloucester, seized upon Earl Rivers, the queen's brother, and got the young king into his power, upon which the queen, with her other son, Richard, duke of York, and five daughters, took sanctuary at Westminster. April, a tumult arose in London which was appeased by Lord Hastings. May 4, the king was brought to London, and lodged in the bishop's palace. The duke of Gloucester caused a grand council to be called, and moved them to take the duke of York from the queen. The archbishop of Canterbury was sent to the queen, but he was against violating the sanctuary. May 27, the duke prevailed upon the council to appoint him protector of the king and kingdom; and upon the queen to deliver up her son, Richard, duke of York; upon which he secured him, with the king, his brother, in the Tower. In June, the protector held a council in the Tower, and caused Lord Hastings to be arrested. June 13, he cut off the heads of Lord Hastings, Anthony Woodville, Earl Rivers, the queen's brother, and of her son, Lord Richard Grey. June 17, he declared his brothers, King Edward, and the duke of Clarence, as well as the issue of Edward IV., bastards; and by the assistance of the duke of Buckingham, usurped the throne, when his nephew, Edward V., had reigned but two months and 18 days.

RICHARD III., the eighth and youngest son of Richard duke of York, and last of the line of Plantagenet, usurped the throne, 1483. June 19, he married Lady Anne, youngest daughter of Richard Nevill, the great earl of Warwick, and relict of Prince Edward, son of Edward IV.

The king caused his two nephews, Edward V., and Richard, to be murdered. The two children were in the Tower, the government of which he had given to Sir Robert Brackenbury, one of his creatures, to whom he sent express orders to put the two young princes to death. Brackenbury, being more conscientious than Richard imagined, humbly desired to be excused; upon which he sent him a written order, by Sir James Tyrrel, requiring him to deliver up to the said Tyrrel the keys and government

of the Tower for one night only. Brackenbury obeyed, and Tyrrel brought in two ruffians, Miles Forest and John Dighton, whom he had hired to perpetrate the horrid act. In the dead of the night, when the princes were asleep, they entered their chamber, and rushing upon them, stifled them both in their bed, and then buried them under a little staircase. In 1674, some bones were found there, supposed to be theirs, which Charles II. caused to be put in a marble urn, and removed to Westminster Abbey.

July 6, Richard was crowned at Westminster, with Anne, his queen. In August, he was crowned a second time at York. The duke of Buckingham, and bishop of Ely, with the countess of Richmond, consulted in what manner they might dethrone Richard. The marquis of Dorset, Sir Richard Woodville, the bishop of Exeter, and Sir Richard Courtney, joined in the plot, and raised forces for the earl of Richmond. September, the earl was informed by express, of the proceedings in his favour. The duke of Buckingham took up arms, and was joined by numbers in Wales; but his army was dispersed, and he obliged to conceal himself in the house of Bannister, one of his domestics, who betrayed him for a reward that had been published by Richard.

Oct. 12, the earl of Richmond, with 40 ships, and 5000 men, furnished by the duke of Bretagne, sailed from St. Maloes, but was dispersed by a storm; the earl arrived at Pool, and had like to have been surprised by a stratagem of Richard's, but he escaped, and sailed back to Bretagne. Richard put several of the conspirators to death, and appointed Sir Ralph Ashton, vice-constable, to try, condemn, and execute such as he should think suspicious.

1485. France resolved to aid the earl of Richmond, and the earl repaired to Rouen, to assemble his troops. Aug. 6, he landed, at Milford Haven, with 2000 men. Aug. 8, marched to Shrewsbury, where he was received and joined by great numbers.

Aug. 22. The earl of Richmond engaged King Richard in Bosworth field, near Leicester, where Richard was killed and his army routed. The king's army consisted of 12,000 men, and Richmond's of not above 5000. Almost at the decision of the battle, Lord Stanley declared for Richmond, and placed the crown on his

head after the battle. Richard reigned two years and two months. He was buried in the Grey Friars church, Leicester, and left no issue.

HENRY VII., son of Edmund of Hadham, earl of Richmond (eldest son of Owen Tudor and Queen Catherine, relict of Henry V.) by Margaret his wife, sole daughter of John duke of Somerset, the son of John earl of Somerset, who was son of John of Gaunt, duke of Lancaster, by Katharine Swinford, his third wife, was, the same day he obtained the victory over King Richard at Bosworth, proclaimed king by his army, 1485. Oct. 30, King Henry was crowned at Westminster, on which day he first instituted the yeomen of the guard. Jan. 18, 1486, King Henry married the princess Elizabeth, eldest daughter of Edward IV., by which marriage he united the houses of York and Lancaster.

1491. The king entered into a war with France. In October, he assembled his troops, to the number of 27,000 men, embarked and went to Calais, appointing his son Arthur guardian of the realm. Nov. 3, a peace was concluded with France, and a truce with Scotland. In 1493, the duchess of Burgundy, Edward IV.'s sister, set up Perkin Warbeck, to counterfeit Richard duke of York, second son of King Edward. In 1495, Perkin appeared upon the coast of Kent, where several of his followers were taken and hanged.

1497. An insurrection happened in Cornwall, on account of the taxes. In September, the Cornish men invited Perkin to join them. He marched at the head of them, and besieged Exeter; but not being able to take the town, he took sanctuary, and his followers submitted themselves. In 1499, Perkin made his escape, but was taken again and sent to the Tower; but attempting with the earl of Warwick to make their escape, he was hanged at Tyburn (Nov. 16,) and the earl (the last of the male line of the Plantagenets) was beheaded on Tower-hill, on the 28th. In 1507, Henry raised money by extortion, from his subjects, and is said to have amassed £1,800,000, chiefly by his instruments Empson and Dudley.

1509. The king being ill, published a general pardon to all his subjects, released all debtors out of prison, who did not owe more than forty shillings to any one man, paying their creditors out of

his own purse; and by his will commanded his successor to make restitution to all men he had wronged by his extortions. April 22, King Henry died at Richmond, in the 53d year of his age and the 24th of his reign; and was magnificently buried in the chapel built by him at Westminster.

HENRY VIII., the second but only surviving son of Henry VII. by Lady Elizabeth, eldest daughter of Edward IV., succeeded to the crown, 1509. April 22, he confirmed the general pardon his father had granted, and published a proclamation, declaring, that if any of his subjects had been wrongfully deprived of their goods, under colour of commissions for levying forfeitures in the last reign, they should receive satisfaction. The inferior agents Empson and Dudley being set in the pillory, were killed by the rabble. June 3, The king solemnized his marriage with the Princess Catherine, his brother Arthur's widow, and they were crowned at Westminster on the 24th.

1513. Wolsey, bishop of Winchester was introduced at court, and became a privy councillor; in 1515, he became prime minister of state. He held at once the bishoprics of York, Winchester, and Durham, and the abbeys of St. Alban and Lincoln. See WOLSEY.

1519. Henry, to show an extraordinary zeal against the doctrines of Luther, on the reformation, caused six men and one woman to be burnt at Coventry, for teaching their children the Lord's prayer, the ten commandments, and the apostles' creed in the vulgar tongue.

1528. The king entertained scruples as to the lawfulness of his marriage with the infanta Catherine, his brother Arthur's widow, and endeavoured to obtain a divorce by a dispensation from the pope. In 1529, the proceedings before Wolsey and Cardinal Campeius, the pope's legate, concerning the divorce. Queen Catherine appealed to Rome. In 1531, July 14, the king separated himself from Queen Catherine, and never saw her more. She retired to East Hampstead, and afterwards to Amptill.

1532. Sept. 1, Anne Bullen, or Boleyn, second daughter of Sir Thomas Bullen, earl of Wiltshire and Ormond, was made marchioness of Pembroke, with a pension of £1000 a year. Nov. 14, the king married her. In 1536, all monasteries under £200 per annum were given to the king

by act of parliament, whereby 376 were suppressed. Jan. 8. King Henry was jealous of Queen Anne, whom he caused to be condemned by her peers, for high treason. May 19, Queen Anne was executed in the Tower. May 20, the king married Jane Seymour. June 8, the new parliament met, and passed an act of attainder against Anne Bullen, and enacted that both her divorce and that of Queen Catharine were legal, and the issues of both marriages illegitimate, and incapable of inheriting the crown.

1539. Six articles of religion were established by act of parliament, called the bloody statute. July 29, a statute was made confirming the seizures and surrenders of the abbeys; they amounted to the number of 645. See ARTICLES.

1540. January 6, the king married Anne, sister to the duke of Cleves, by proxy; but being disgusted with her person, on her arrival, never consummated the marriage. July 24, Archbishop Cranmer and the convocation divorced the king from Anne of Cleves; the parliament passed an act confirming the judgment of the convocation. She was allotted an estate of £3000 per annum. August 8, the king married the Lady Catherine Howard, who was declared queen of England. In 1542, Queen Catherine Howard was accused by Archbishop Cranmer of incontinence, by the information of one Lascelles. She was attainted of high treason by act of parliament, without being brought to a trial, and beheaded on Tower-hill, Feb. 13.

Henry revived his pretensions to the sovereignty of Scotland, and gave the command of his forces against Scotland to the duke of Norfolk, who routed the Scotch army and took many prisoners, also 24 pieces of ordnance. December 14, the king entered Scotland, and defeated the Scots at Solway Moss. Henry was proclaimed king of Ireland.

1543. July 12, the king married Lady Catherine Parr, widow of Lord Latimer. In 1544, an act was made, limiting the succession (on failure of issue of Prince Edward) to the princesses Mary and Elizabeth, and, in default of issue of either of them, to such persons as the king should appoint by his letters patent, or last will. The king's title was settled by parliament, as king of England, France, and Ireland, defender of the faith, and supreme head of the

churches of England and Ireland. September 8, Henry invaded Scotland by sea; he entered into a war with France, and took Boulogne in person.

1545. France attempted an invasion, and fitted 210 sail of ships; they met the English fleet of 100 sail, in the channel, and engaged; the French lost many of their ships. In 1546, June 7, Archbishop Cranmer and the queen were accused of heresy, but the king protected them. In 1547, in a convocation this year, all canons, laws, and usages against the marriage of priests were annulled, and likewise all vows of celibacy; and it was resolved to administer the communion in both kinds, which the parliament confirmed. January 28, King Henry died in the 56th year of his age, and the 38th of his reign, and was buried at Windsor. The king being empowered to limit the succession of the crown by act of parliament, settled it on the issue of his sister Mary, by Charles Brandon, duke of Suffolk, in case his two daughters, Mary and Elizabeth, died without issue, to the exclusion of Margaret his eldest sister, who had married James V. of Scots.

EDWARD VI., the only son of Henry VIII., by Jane Seymour, his third wife, succeeded his father, January 31, 1547, being about nine years of age. Henry had nominated a council to govern till the king should attain the age of 18 years. February 6, Edward Seymour, earl of Hertford, afterwards duke of Somerset, was made protector. February 20, King Edward was crowned at Westminster; at the coronation 40 knights of the bath were made, and a general pardon issued at the same time, out of which the duke of Norfolk, Cardinal Pole, and the Lord Courtney were excepted. The king greatly promoted the reformation; orders were issued for keeping a Bible in every church, with Erasmus's paraphrase on the New Testament. The chief opposers of the reformation were the Princess Mary, Wriothesley, earl of Southampton, the bishop of Durham, Bonner, bishop of London, Gardiner, bishop of Winchester, with other bishops and inferior clergy. In September, the protector marched with an army of 18,000 men into Scotland, and defeated the Scots at Pinkneyfield, near Musselborough, December 10; 13,000 of the Scots were slain. He returned to London, and was met by the

mayor and aldermen. This war with Scotland cost England near £1,433,000.

1549. Several rebellions happened about inclosures, but were suppressed; the greatest in Norfolk, headed by Kett, a tanner, against whom Dudley earl of Warwick went with an army, August 27, slew about 2000 of his followers, and hanged him in chains on the top of Norwich castle, November 20. October 24, the privy council and the city of London entered into measures to depose the protector; upon which he carried the king with him to Windsor, and stood upon his defence, but was obliged to submit; upon which they charged him with usurping sovereign power, and sent him to the Tower, and six lords were appointed to be the king's governors, but the administration was lodged chiefly in Dudley earl of Warwick.

1550. 4 Edward VI., an act was passed against the late protector, whereby he was deprived of all his places, his goods confiscated, and his lands to the value of £2,000 per annum, forfeited to the crown; but he was released from the Tower, on giving £10,000 security for his good behaviour, and, February 16, he received his pardon, and was admitted to the council board again. April 25, a peace was concluded with France, and Boulogne delivered up. The French king stipulated to pay the king of England, in consideration thereof, and of the tribute in arrear from France, 400,000 crowns; and it was agreed that this treaty should not prejudice the claim of England either to France or Scotland.

1552. The duke of Somerset having opposed the ambitious views of Dudley, now duke of Northumberland, his ruin was resolved. He was sent to the Tower, under pretence of consulting and inciting others to imprison Northumberland, and two other lords of the council, and convicted of felony for this offence by his peers, for which he was beheaded, Jan. 22, two months afterwards. The duke of Northumberland now made himself absolute, and charged Lord Paget with several misdemeanors, had him fined £6000, and the order of the garter taken from him, which he procured for his eldest son, Sir Arthur Dudley, earl of Warwick.

1553. The duke of Northumberland married his son Guilford Dudley, to Lady Jane Grey, granddaughter to Mary, queen of France, sister to Henry VIII., and prevailed on the young king to settle

the crown on her, to the exclusion of the Princesses Mary and Elizabeth. June 15, when the judges were called in to draw an assignment of the crown to Jane Grey, they refused, until threatened by the duke, who had a pardon passed the great seal, exempting them from punishment. July 6, King Edward died at Greenwich, in the 16th year of his age, and the seventh of his reign, and was buried at Westminster, near the body of King Henry VII. his grandfather, with great funeral pomp, and the unfeigned mournings of an affectionate people.

At the death of Edward, the duke of Northumberland endeavoured to get the princesses Mary and Elizabeth into his possession, but they retired into Norfolk. Lady Jane Grey was proclaimed queen by Northumberland; but Queen Mary finally prevailing, lady Jane resigned those ensigns of royalty they had loaded her with, and which she had possessed only ten days.

MARY, only daughter of King Henry VIII., by Catherine of Arragon, succeeded her brother Edward, 1553. The duke of Northumberland marched against Queen Mary, but his forces deserted to her. The duke was sent to the Tower, with three of his sons, and Dr. Ridley, bishop of London. The popish bishops were restored, and protestant bishops (particularly Coverdale, bishop of Exeter, and Hooper, bishop of Gloucester) committed to prison for exercising their functions. Archbishop Cranmer, bishop Latimer, and several more of the protestant clergy were committed to prison for treason, in opposing the queen's accession, and several fled beyond sea. October 1, the queen was crowned at Westminster, and was obliged to borrow £20,000 of the city of London.

1554. A treaty of marriage being set on foot between Queen Mary and Prince Philip, the emperor's son, heir to the crown of Spain, the parliament addressed the queen requesting her not to marry a foreigner; upon which they were dissolved. Articles were agreed on with the emperor's ministers January 12, 1553-4, whereby Philip was to have the title of King of England. April 23, the Princess Elizabeth was imprisoned in the Tower. 12,000 protestant clergy were deprived of their preferments, and the popish service restored. July 19, Prince Philip arrived in England, and was married to the queen at Winchester on the 25th.

1556. Archbishop Cranmer was burnt at Oxford, March 24, (See CRANMER), and the same day Cardinal Pole was made archbishop of Canterbury. A very severe persecution followed, in which about 300 protestants were burnt, and great numbers perished in prison, and by other hardships. Among those who suffered by fire were five bishops, 21 clergymen, eight laymen, 84 husbandmen, servants, and labourers, 45 women, and four children.

1558. January 7, Calais surrendered to the French, after it had been in the possession of the English 210 years. November 17, the queen died without issue, in the 43d year of her age, and the sixth of her reign, and was buried December 13, in Henry VII.'s chapel, with great pomp.

ELIZABETH, the only daughter of Henry VIII. by Anne Bullen, succeeded her half-sister, Queen Mary, as well by the appointment of her father's will as by the right of inheritance, and according to the act of succession of the 35th of that king; and November 19, 1558, was proclaimed at Hatfield. Dr. Matthew Parker was entrusted with the care of revising the Liturgy of Edward VI. Elizabeth was rigid with the papists; many were fined, others in office replaced, and one Maine, a priest, was executed for importing popish trinkets.

1559. Jan. 15, the queen was crowned at Westminster, by the bishop of Carlisle, who was the only bishop that could be persuaded to do that office. The queen erected a high commission court, who exercised the same power which had been formerly lodged by Henry VIII. in a single person. Out of 9400 beneficed clergymen in the kingdom, only 14 bishops, 12 archdeacons, 15 heads of colleges, 50 canons, and 80 parochial priests, quitted their preferments rather than their religion. Mary queen of Scots, having been married to the dauphin of France, April 24, 1558 (afterwards king, by the name of Francis II.), they were this year crowned king and queen of France and Scotland.

1560. Aug. 21. Mary, queen of Scots, arrived in Scotland from France, and proposed to Queen Elizabeth the declaring her presumptive heir to the crown; but Queen Elizabeth insisted on her renouncing all pretensions to England. In 1565, July 27, Francis II. of France being dead, the queen of Scots married

Henry Stuart, Lord Darnley, and the next day he was publicly proclaimed king. This marriage occasioned an insurrection in Scotland, and several lords took up arms, but were obliged to fly into England. February 9, the king of Scots was murdered by the contrivance of Murray, Bothwell, &c.; and Murray, to throw the odium of it upon the queen, persuaded her to marry Bothwell. August and September, Queen Elizabeth went to Oxford, was present at their public disputations, and held her court at Woodstock. November 1, the parliament met and addressed the queen to marry, and to settle the succession. In a message to the house, by Sir Francis Knolles, she expressly commanded them to meddle no further in the matter of succession, but be contented with her promise to marry.

The earl of Murray, brother to the queen of Scots, raised a party of nobility against her. The rebel lords took the queen prisoner, and compelled her to resign her crown to her son. In 1568, the queen of Scots made her escape, and raised an army, but was defeated by Murray (May 17), upon which she fled into England, upon large promises of favour and assistance from Queen Elizabeth, but was detained prisoner by her. In 1577, Queen Elizabeth assisted the Dutch against the king of Spain with the loan of £100,000 for eight months, and entered into an alliance of mutual assistance.

1585. Queen Elizabeth at the intercession of the Dutch, sent the earl of Leicester, and 6000 men, to their assistance, and had the Brill and Flushing delivered into her hands, as security for other charges. They agreed that the English general, and two more of her majesty's subjects, were to be admitted into the council of the states general, and no treaty to be entered into but by mutual consent, in consideration of the assistance she gave the Dutch against Spain.

1586. In July, a new treaty was made between England and Scotland. It was agreed that if England was attacked, James should assist, with 17,000 forces, and if James was invaded, Elizabeth should aid with 9000, the auxiliaries to be maintained by the prince so aided. Sept. 20, Anthony Babington, and others were convicted of conspiring against Queen Elizabeth, and executed with very great barbarity, in St. Giles's Fields.

October 11, the queen of Scots was charged with being the promoter of the conspiracy, and commissioners were ordered to try her at Fotheringay castle, in Northamptonshire; but not acknowledging their jurisdiction, they proceeded to pass sentence of death upon her. After the sentence was passed upon Mary, the judges declared it did nothing derogate from the king of Scotland, his title to the crown of England still remained entire. In 1587, a new plot was discovered against Queen Elizabeth, upon which she signed a warrant for the execution of the queen of Scots, and she was beheaded accordingly at Fotheringay castle, aged 46, and in the 18th year of her imprisonment.

1588. The king of Spain this year finished his grand naval armament for the conquest of England, called the Armada, which was almost annihilated by the English fleet. See ARMADA. The queen sung Te Deum at St. Paul's for the defeat of the Spaniards, created her admiral, Lord Charles Howard, earl of Nottingham, and settled a considerable annual pension upon him. In 1593, many conspiracies were formed, by the influence of the Spaniards over the popish subjects, to assassinate the queen, which were all defeated, and the persons concerned therein executed.

1594. In 36 Eliz. Patrick Cullen, an Irish fencing-master, was engaged by the Spaniards to kill the queen, for which he was executed. Edmund York and others, about the same time, were employed to kill the queen, and fire the royal navy. Upon which the queen expostulated with the king of Spain, reproaching him with the baseness of employing assassins every day to take away her life, and insisted upon his delivering up Throgmorton, Holt, and the rest of the Jesuits and priests who managed these conspiracies, but to no purpose.

1595. Sir Francis Drake and Sir John Hawkins, with a fleet of men of war, and land forces, made an attempt to surprise the Spanish settlements on the Isthmus of Darien, and landed a body of forces under the command of Sir Thomas Baskerville, with a design to attack the city of Panama, where the treasures of Peru were lodged, but their design was discovered, as the Spaniards were all well fortified and their towns garrisoned. The English also were so sickly when they came to lie on

shore, that they performed nothing of consequence, and those two brave officers, Drake and Hawkins, both died in this expedition.

1598. The French king, Henry IV., made a separate peace with Spain, without the queen's knowledge; upon which she reproached him with ingratitude and breach of faith. A formidable insurrection happened in Ireland, headed by the earl of Tyrone. This year died the lord treasurer Cecil, (Baron Burleigh) in the 78th year of his age. He had a large share in the administration, and his councils contributed greatly to the prosperity of this reign. See BURLEIGH.

1599. Tyrone, the Irish rebel, defeated the English forces, commanded by Sir Henry Bagnal, who was killed in the battle, upon which the whole province of Munster revolted to him, and he invited the Spaniards to make a descent in that kingdom, and join him. The earl of Essex, lord lieutenant of that kingdom, made a truce with Tyrone, but in 1600 Tyrone broke the truce, overran all the country, and acted as sovereign of Ireland; upon which Lord Mountjoy

was made deputy of Ireland, and, with the assistance of Sir Edward Blaney, restored the English affairs in the north. 1601. Sept. The rebels in Ireland received an aid from Spain. The Spaniards landed 4000 men near Kinsale in Ireland, Sept. 23, and took possession of that town, and, were followed by a reinforcement of 2000 more. They joined Tyrone, the general of the Irish rebels, but the lord-deputy Mountjoy surprised their army in the night-time, and entirely defeated them; he afterwards compelled the garrison of Kinsale to surrender.

1603. The queen being taken ill the beginning of January, intimated her desire that the king of Scots should succeed her, in which the whole nation seemed to concur. She expired March 24, 1603, and was buried in Westminster abbey, April 28, with great magnificence.

James VI. of Scotland, succeeded to the throne by the title of James I. Under him the two kingdoms were united by the title of Great Britain. For a continuation of the history of the kingdom since the union, see BRITAIN. *Great-*

The following table shows the year of the reign of the sovereigns of England, corresponding with the year of Christ, from 1066:—

WILL. CONQ. Oct. 14. 1 1066 22 1087	WM. RUFUS. Sept. 9. 1 1087 14 1100	HENRY I. Aug. 1. 1 1100 36 1135	STEPHEN. Dec. 2. 1 1135 20 1154	HENRY II. Oct. 25. 1 1154 36 1189
RICHARD I. Aug. 13. 1 1189 11 1199	JOHN. April 6. 1 1199 18 1216	HENRY III. Oct. 19. 1 1216 57 1272	EDWARD I. Nov. 26. 1 1272 36 1307	EDWARD II. July 7. 1 1307 20 1327
EDWARD III. Jan. 20. 1 1327 51 1377	RICHARD II. June 21. 1 1377 23 1399	HENRY IV. Sept. 29. 1 1399 14 1413	HENRY V. March 29. 1 1413 10 1422	HENRY VI. Aug. 31. 1 1422 39 1461
EDWARD IV. March 3. 1 1461 24 1483	EDWARD V. April 9. 1 1483	RICHARD III. June 22. 1 1483 3 1485	HENRY VII. Aug. 22. 1 1485 25 1509	HENRY VIII. April 22. 1 1509 38 1547
EDWARD VI. Jan. 28. 1 1547 8 1553	QUEEN MARY July 6. 1 1553 6 1558	ELIZABETH. Nov. 17. 1 1558 45 1603	JAMES I. March 24. 1 1603 23 1625	CHARLES I. March 27. 1 1625 24 1648

CHARLES II. Jan. 30. 1 1648 38 1685	JAMES II. Feb. 6. 1 1685 4 1688	WM. & MARY. Feb. 13. 1 1688 15 1702	ANNE. March 8. 1 1702 13 1714	GEORGE I. Aug. 1. 1 1714 14 1727
GEORGE II. June 10. 1 1727 34 1760	GEORGE III. Oct. 25. 1 1760 61 1820	GEORGE IV. Jan. 29. 1 1820 11 1830	WILLIAM IV. June 26. 1 1830 7 1837	VICTORIA I. June 20. 1 1837 4 1840

N.B. Every sovereign's reign begins at the death of his or her predecessor. For example, Victoria I. began to reign June 20, 1837. The first year of her reign is complete June 19, 1838.

Progressive population of England and Wales from the year 1700.

Year.	Pop.
1700	5,134,516
1710	5,066,337
1720	5,345,351
1730	5,687,993
1740	5,829,705
1750	6,039,684
1760	6,479,730
1770	7,227,586
1780	7,814,827
1790	8,540,738
1800	9,187,176
1810	10,407,556
1820	11,957,565
1830	13,840,750

For an account of the principles on which the population is taken. See CENSUS.

ENGLAND, NEW, a district of the United States of America, which comprehends the northern and eastern states; so called, because the inhabitants are chiefly of English descent. It was settled at the beginning of the 17th century, and comprehends the states of Vermont, New Hampshire, Massachusetts, Rhode Island, and Connecticut. SEE THESE SEVERAL ARTICLES.

ENGLISH RESIDING IN FRANCE. From an official return dated August 25, 1836, the number was as follows:—Paris, Versailles, St. Cloud, &c., about 20,000; Boulogne and Calais, from 15,000 to 20,000; other parts of France from 10,000 to 12,000. The entire number of residents (which does not include continental tourists who pass annually through France) was estimated at upwards of 50,000.

ENGLISH COLLEGE at Rome, built 854.

ENGLISH COPPER-OFFICE, incorporated, 1691.

ENGRAVERS' BENEVOLENT FUND, established, 1826.

ENGRAVING. This art had its origin about the same time with the art of painting, in the 15th century. The first engravings worthy of notice, printed with the rolling press, were those which accompanied an edition of Vesalius's Anatomy, printed in England in the year 1545. Archbishop Parker, in the reign of Elizabeth, was the most conspicuous patron of the art. He employed, in his palace at Lambeth, a painter and two or three engravers. English copperplate engraving retained, for more than a century, much of its original coarseness and imperfection. The style of Reginald Elsbucke, who lived at the close of the 16th and beginning of the 17th centuries, is occasionally neater than that of his predecessors, but still destitute of taste. The earliest English engravings on wood are those of Christopher Switzer, who lived at the close of the 16th century.

Charles I. was the first English monarch who was sufficiently sensible of the beauty of engraving on copper, to appoint an engraver royal, and Voerst was the first on whom that honour was conferred. Etching was introduced into England about the 17th century. Wenceslaus Hollar, a native of Prague in Bohemia, was the first who particularly distinguished himself in etching landscape, shipping, antiquities, and natural history. In 1641, which was the year of Vandyke's decease, Hollar engraved some portraits, including those of King Charles I. and his queen, from the pictures of that celebrated painter.

The invention of mezzotinto is generally attributed to Prince Rupert, in the 17th century, who engraved in this way a print of an executioner, holding in one hand a sword, and in the other a head,

after Spagnoletto, dated 1658. From this period the English school abounds with artists in every department. Hogarth was born in 1697. His *Marriage à la Mode* was finished in 1745. The series of six plates comprehends master-pieces of art in their kind, and places Hogarth's fame on the broadest and most durable basis. Since the time of Hogarth we have not to notice a genius of a like order, but the art has continued to make considerable progress. Till within the last few years all works of art were engraved on plates of copper, but about 1820, steel was substituted with great effect, for all subjects which require a great number of impressions. Some of the finest and most delicate subjects engraved on steel will produce 10,000 impressions, while the same on copper would not exceed 1,500, or 2000.

Lithography is of comparatively recent invention. This art consists in taking impressions from a drawing executed on stone and not bit in or engraved like the former. It was first discovered in 1800. See LITHOGRAPHY.

MEDALLIC ENGRAVING. This invention was first practised in 1817; a die-sinker of the name of Christian Gobrecht, then living at Philadelphia, produced by a machine, an engraving upon copper of a medallion head of the Emperor Alexander of Russia, several impressions of which were distributed in that city. In 1819, it was first introduced into London by a Mr. Spencer. In 1829, Mr. Joseph Saxton, an American, born at Huntingdon, in Pennsylvania, who had known Gobrecht, and seen the engraving from the Russian medal, contrived a machine somewhat similar in principle to the one brought to England by Mr. Spencer.

1830. Mons. A. Collas, an able mechanic at Paris, having been commissioned by an engraver at Ghent, to make a ruling machine for him, also constructed one for himself on a similar principle. It was not till six months' labour and thought had been bestowed upon it that M. Collas brought his invention to a certain degree of perfection; he produced his first engravings in the spring of 1831. Of the attempts of a similar instrument, made in the United States, he had seen nor heard nothing.

Mr. Lacy, connected with the establishment of Messrs. Perkins, Bacon, and Petch, bank-note engravers in Fleet-

street, was employed, in 1832, to execute the engraving from a medal representing the bust of William IV., in the frontispiece of the "Keepsake" for 1833. Towards the close of the year 1832, M. Collas sold his patent to a few gentlemen, who, with the aid and under the direction of some of the first French painters, sculptors, and engravers, united themselves into a company, under the firm of Lachevardiere and Co. It is to the enterprising spirit of these gentlemen that we are indebted for the "Trésor Numismatique et de Glyptique," which has now reached the extent of 600 plates of medals, bas-reliefs, &c., representing upwards of 5,000 subjects. The work has been widely circulated in France and throughout the continent: most of its plates, for beauty of effect and artist-like execution, leave the eye nothing to desire.

1839. M. le Page, of Pimlico, has discovered an improved means of engraving on marble, by covering the surface with a coat of cement before the chisel is used. The cement effectually prevents the marble from chipping, and when the coating is removed the letters remain as perfect as if cut in copper.

ENNIUS, QUINTUS, an eminent Roman poet, born A.C. 239, flourished during the first Punic war, died aged 70.

ENOCH, translated into heaven, A.C. 987, aged 365.

ENTERTAINMENT, PLACES OF, about London, first licensed, 1752.

ENTOMOLOGY, that part of zoology which treats of the construction and properties of insects. Hippocrates, who flourished in the fifth century before the christian era, seems to have been the first who wrote on insects. Aristotle in his history of animals, under insects comprehended all small animals whose bodies were divided into segments. This definition of insects was followed by all natural historians to the time of Linnæus. Ælian, in his work on animals, appropriates several chapters to particular kinds of insects, without entering in a methodical manner into the history of the tribe.

Among the Greek writers who immediately, or within a few centuries, followed Aristotle in treating upon insects, were Democritus, Neoptolemus, Aristomachus, Nicander, Empedocles, Callimachus, Euphronius of Athens, and Theophrastus. The Latin writers, during

the same period, were M. Varro, Celsus Cornelius, Virgil, Columella, Fabianus, and Manilius. The cultivation of bees was much attended to in those times, and their history detailed by many eminent writers. The culture of silkworms was another favourite object with the ancients, as we are assured by Pliny, who has given us an account of all that was known in natural history down to his own times.

From the time of Pliny, till the overthrow of the Roman empire, a period of several centuries, the science of insects seems to have made some progress, though to what extent it is impossible to ascertain. Albertus Magnus who wrote a work entitled "De Animalibus," &c., part of which relates to insects, died in 1280, but his work, which was printed at Venice, did not appear till 1519. Agricola, in a work entitled "De Animalibus Subterraneis," published in 1549, has given a methodical arrangement of insects; he divided them into, 1. creeping insects; 2. flying insects; and 3. swimming insects; and gives an account of numerous species.

The discovery of the microscope in the 17th century, tended greatly to the advancement of entomology, as by means of it the most minute parts of insects could be viewed, and the organization examined. Naturalists were much engaged in making microscopic discoveries, particularly Borel, Rhadi, Swammerdam, Bonanni, Bonomo, Leeuwenhoeck, and Joblot. John Swammerdam, in his "Biblia Naturæ," published in 1669, has divided insects into four classes. His work added something important to the knowledge of entomology. No material work on the subject appeared after the first edition of that of Swammerdam, till 1678 and 1679, in which Lister published his valuable history of English Spiders, and Madam Merian her extensive work on the Metamorphoses of Lepidopterous Insects. Ray published his "Historia Insectorum," in 1710. Albin published a Natural History of English Insects in 1720, and a Natural History of Spiders in 1736. Reaumur published the first volume of his "Memoires pour servir à l' Histoire des Insectes," at Paris, in the year 1734.

Linnæus, in his first edition of the "Systema Naturæ," published in 1735, divided insects into four orders, from the number and different appearances of

their wings; 1. Coleoptera; 2. Angioptera; 3. Hemiptera; and, 4. Aptaera. In the subsequent editions of the "System of Nature," which he published, he completed the arrangement of insects into seven orders. This is still followed in part, though it must be allowed that great improvements have been made by more recent entomologists. M. Geoffroy, a celebrated entomologist, in his "Histoire Abrégé des Insectes," published at Paris, in 1762, divided insects into six orders. J. C. Schœffer made great improvements in the science, and published in 1766, "Elementa Entomologica, 135 tabliæ æra excussæ;" he follows in many points the method of Linnæus. During the remainder of last century, the writers on the science chiefly employed themselves in illustrating the Linnean system.

The most important modern work on the science is an "Introduction to Entomology," which appeared in England, the joint labour of Messrs. Kirby and Spence, 2 vols.; the first in 1815, and the second in 1817. This work professes to bestow particular attention to the more popular and engaging parts of the science, and must be considered as a philosophical and physiological treatise upon insects, rather than as a guide to their different orders, genera, and species.

By the great modern improvements of the microscope, particularly the oxygen-hydrogen microscope, exhibited at the Adelaide Gallery, many of the vital functions, as well as the organs of motion, habits, &c., of insects, may be accurately observed. By this means a nearer approximation to a correct classical arrangement has been obtained. In 1838, the Rev. Mr. Hope read to the British Association a communication on this subject. In the class insecta, great progress had been made, and by the labours of Müller, Ehrenberg, Grant, and Newport, they were making rapid strides towards establishing a classification of insects, on a knowledge of their nervous structure.

EPAMINONDAS, the celebrated Theban general, slain A.C. 363.

EPHESUS, an ancient city, formerly the capital of Ionia, in Asia Minor, built according to Strabo, by Androchus, the son of Codrus. Though repeatedly destroyed by war and by earthquakes, it was uniformly rebuilt, and with little delay. Its chief reputation was derived

from its temple dedicated to Diana. The nations of all Asia Minor were employed on this edifice for 220 years. Before the time of Pliny it had been injured or destroyed seven or eight times, particularly by the notorious Erostratus, A.C. 365, whose only object in the destruction of the temple was, the perpetuating of his name by insuring himself a place in history. It was rebuilt by the Ephesians with greater splendour than before, the Ephesian women contributing their jewels to the fund raised for its restoration. Its ruins now afford shelter to a few shepherds and their flocks, and the little village of *Æiasoluh* has been built from the scattered fragments of its walls and friezes.

In the time of the apostle Paul, the city retained most of its ancient grandeur, and became the seat of the most flourishing of the christian churches. Under the emperor Alexis, it fell under the power of the Saracens; was retaken by the Greeks in 1206; again lost in 1283, and from the commencement of the 14th century has belonged to Turkey.

EPHORI, a class of magistrates in ancient Sparta, as a check to the regal power and authority. According to the generality of authors, the ephori were first established by Lycurgus, though this is denied by others, who date their origin 130 years after the time of that legislator. Plutarch ascribes their institution to Theopompus, king of Sparta, A.C. 760.

EPHORUS, of Cumæ, the historian, flourished A.C. 352.

EPHRAIM, one of the tribes of Palestine, so denominated from Ephraim, the son of Joseph by Aseneth, the daughter of Potiphera, priest of On, who was born in Egypt about A.M. 2294.

EPICTETUS, a distinguished Stoic philosopher, born at Hierapolis, in Phrygia, in the first century, and was very early in life sold as a slave to Epaphroditus, a freedman of Nero's guard. Arrian, his disciple, wrote an account of his life and death, which is lost; and preserved four books of his discourses, and his *Enchiridion*. In 1758, a translation of them into English was published by the learned and ingenious Miss Carter.

EPICURUS, author of the philosophy which bears his name, was born at Gargettium, in Attica, A.C. 342. Having acquired great reputation for natural genius and extensive learning, when

about 30 years of age he instituted a new philosophical school at Athens. He died A.C. 270, aged 72.

EPIMENIDES, the first builder of temples in Greece, flourished A.C. 596.

EPIMETHIUS, the inventor of earthen vessels, lived A.C. 171.

EPIPHANIUS, an ancient father of the church, was born at a small village in Palestine, about 332. He went into Egypt, where he inclined to the sect of the Gnostics. In his 20th year he returned to his own country, where he founded a monastery near the place of his birth, and presided over it. He was afterwards elected bishop of Salamis, where his piety and sanctity were held in high estimation. He was engaged in inveterate opposition to the opinions of Origen. He died at sea on his way to Cyprus, in 403.

EPIRUS, district of ancient Greece. Here was the oracle of Dodona, the oldest in Greece, in a temple of Jupiter, but no traces of the ancient city remain. Pyrrhus II., the great enemy of the Romans, was king of this country, and landed in Italy about A.C. 280. Paulus *Æmilius* afterwards subdued the Epirots, and gave up the country to pillage; 70 towns were destroyed, and 150,000 men sold into slavery. In A.D. 1432, the Turks, under Amurath II., conquered Epirus; Castriot, the last of the royal family of Epirus, rejected the Turkish yoke, but after his death Mahomet II., in 1466, established his authority in the fullest manner. See **ALBANIA**.

EPISCOPACY abolished in Scotland, 1689.

EPISCOPAL FLOATING CHURCH SOCIETY, incorporated 1828.

EPISCOPIUS, SIMON, a learned divine, born at Amsterdam, in 1583. In 1600, he entered on his academical studies at Leyden; and, in 1612, he was chosen divinity professor at that university. On account of the Arminian controversy, Episcopus and his friends were objects of enmity and persecution to the deluded populace. They retired to Antwerp; but the times growing more favourable, he returned to Holland in 1626, and was made minister of the church of the Remonstrants at Rotterdam. In 1634, he was chosen rector of the college founded by the sect at Amsterdam, where he spent the remainder of his days, in the discharge of the duties

of this office till his death, which happened in 1643.

EPOCH, in chronology. The terms epoch and era are often confounded; by epoch is understood, a fixed point in time; and by era, the continual increasing space of time which begins with an epoch, and is reckoned from it. The christian epoch is the year of the incarnation of Jesus Christ; the epoch of the Jews was either the year of the creation, or of the general deluge, or of the building of the temple, &c.; that of the Greeks was the first of the Olympiads; that of the Romans, when their city was founded; the ancient Persian and Assyrian epoch was that of Nabonassar; and the Mahometan epoch was fixed to the year of the Hegira, or flight of Mahomet from

Mecca to Medina, which happened on Friday, July 16, A.D. 622. The epoch adopted throughout christendom is that of Christ, commencing at the supposed time of his nativity, December 25, or rather, according to the usual account, from his circumcision, or January 1. This epoch began to be used in the year 507, or, according to some, 527, and the author of it was Dionysius Exiguus, a native of Scythia, and at that time an abbot of the church of Rome. He began his account from the annunciation, or lady-day, and this method prevailed in Britain till 1752, when the Gregorian calendar was adopted, which fixed the commencement of the date to January 1. See ERA. The following are the most remarkable epochs.

	Julian period.	Year of the world.	Years before Christ.
The creation of the world	706	0	4004
The general deluge	2362	1656	2351
Assyrian monarchy founded by Nimrod . . .	2537	1813	2176
Kingdom of Athens founded by Cecrops . .	3157	2451	1556
Destruction of Troy	3529	2823	1184
Solomon's temple founded	3701	2995	1012
The expedition of the Argonauts	3776	3070	937
Olympiads began (Grecian epoch)	3938	3232	776
Building of Rome (Roman epoch)	3961	3255	753
Epoch of Nabonassar (Chaldean or Egyptian } epoch) }	3967	3261	747
Peloponnesian war began	4282	3576	431
Alexander's death	4390	3684	323
Christian epoch (birth of Christ)	4713	4007	A.D.
Jerusalem destroyed	4783	4077	70
Dioclesian epoch (epoch of the martyrs)	4997	4291	284
Council of Nice	5038	4332	325
The Hegira (Mahometan epoch)	5335	4629	622
The Yesdegird (Persian epoch)	5344	4638	631
Correction of the calendar by Pope Gregory .	6295	5589	1582

EPPING HUNT. The Easter hunt at Epping commenced in 1226, when Henry III. confirmed to the citizens of London free warren, or liberty to hunt a circuit about this city, in the warren of Staines, Hainault Forest, &c.

EPSOM, a town in Surrey, seated near to Banstead Downs, and having in the vicinity a celebrated medicinal spring, discovered in 1618.

EQUATOR, OR URUGUAY, one of the three republics into which Columbia is divided. See URUGUAY.

ERA, in chronology. See EPOCH. As the eras of the nations of antiquity have

become obsolete, and as the principal events in their histories have been reduced to the respective years of the christian era, either before or after the birth of our Saviour, those eras are now seldom used except by those who read the writings of antiquity. The following are the principal eras, now occasionally in use.

CREATION OF THE WORLD. There have been as many as 140 opinions on the distance of time between this event and the birth of our Saviour. Some make it as small as 3616 years, and some as great as 6484. The chronology which

is usually given with the authorised version of the Bible, places the event in the 4004th year before the commencement of the common era.

THE OLYMPIADS. The first year of the first olympiad begins in the summer of the 776th year before the common era; the first year of the second Olympiad, in the summer of the 772nd year, and so on. See **OLYMPIAD**.

THE FOUNDATION OF ROME. The 753rd year before the commencement of the common era, according to the calculation usually adopted.

THE CHRISTIAN ERA, used by almost all christian nations, dates from January 1, in the middle of the fourth year of the 194th Olympiad, in the 753rd of the building of Rome, and 4714th of the Julian period. It was first introduced in the sixth century, but was not very generally employed for some centuries after.

THE ABYSSINIAN ERA. The Abyssinians reckon their years from the creation, which they place in the 5493rd year before our era, August 29, old style; and their dates will consequently exceed ours by 5492 years and 125 days. They have 12 months of 30 days each, and five days added at the end.

THE JEWISH ERA. The Jews usually employed the era of the Seleucides, until the 15th century, when a new mode of computing was adopted by them. Some insist strongly on the antiquity of their present era; but it is generally believed not to be more ancient than the century above named. They date from the creation, which they consider to have been 3760 years and three months before the commencement of our era.

THE ERA OF NABONASSAR received its name from that of a prince of Babylon, under whose reign astronomical studies were much advanced in Chaldæa. The years are vague, containing 365 days each, without intercalation. The first day of the era was Wednesday, February 26, A.C. 747.

THE EGYPTIAN ERA. The old Egyptian year was identical with the era of Nabonassar, beginning Feb. 26, A.C. 747, and consisting of 365 days only. It was reformed 30 years before Christ, at which period the commencement of the year had arrived, by continually receding, to August 29, which was determined to be in future the first day of the year. Their years and months coincide exactly with those of the era of Dioclesian.

THE JULIAN PERIOD is a term of years produced by the multiplication of the lunar cycle 19, solar cycle, 28, and Roman indiction 15. It consists of 7980 years, and began 4713 years before our era. It has been employed in computing time to avoid the puzzling ambiguity attendant on reckoning any period antecedent to our era, an advantage which it has in common with the mundane eras used at different times.

THE GRECIAN ERA, or Era of the Seleucides, dates from the reign of Seleucus Nicator, 311 years and four months before Christ. It was used in Syria for many years, and frequently by the Jews, until the 15th century, and by some Arabians to this day. It is used in the book of Maccabees, and appears to have begun with Nisan.

THE HEGIRA, commencing on July 16, in the 622nd year after the common era. See **HEGIRA**.

ERASMUS or **DESIDERIUS**, a celebrated writer, was born at Rotterdam, in 1467. His father and mother died when he was about 13 years of age; and his guardians forced him into the church, with a view of embezzling his property. He entered among the regular canons in the monastery of Stein, near Tergou. He afterwards went to Paris, and studied in the college of Montaigne, supporting himself by giving private lectures. Some of his pupils were the sons of Englishmen, at whose request he visited this country, in the year 1497, and contracted many valuable friendships.

He removed to Flanders, in 1514, and was soon afterwards made councillor to prince Charles of Austria. He afterwards paid a visit to Basil, where he published his New Testament in Greek and Latin. In 1516, his edition of St. Jerome made its appearance; and in the following year a work entitled "Querela Pacis," occasioned by the failure of a plan for a congress of princes at Cambray, who should enter into mutual engagements for the preservation of peace. The celebrated Colloquies of Erasmus, published in 1522, were so evidently of a reforming tendency, that they were denominated by the Faculty of Theology at Paris, as "a wicked book," the perusal of which should be forbidden to all. In the first year of the reformation, he was highly regarded by Luther; but owing to some unadvised attacks made upon him, about 1520, by the reformers,

he was driven to enlist among the defenders of the church of Rome.

1524. Erasmus published his treatise "De Libero Arbitrio," which was an avowed attack upon Luther's opinions concerning predestination. In 1529, he left Basil for Friburg, and seemed now more than ever, fearful of being thought friendly to the reformation. In 1535, he returned to Basil; and so highly was he esteemed by the church of Rome, that preparations were made to give him a place in the college of cardinals. But his health rapidly declined; and on July 12, 1536, he died of a dysentery, aged 69. He was buried with great funeral pomp, in the cathedral church of Basil. He had assumed the name of Erasmus in conformity with the pedantic taste then prevailing among men of letters of taking names of Greek or Latin etymology; he translated his name of Gerard, signifying Amiable, into the equivalent ones of Desiderius in Latin, and Erasmus in Greek, making use of both, but the latter was his common appellation. The best and most elegant edition of his works is that published in Holland, by Le Clerc, in 11 volumes folio, 1703.

ERATOSTHENES, the Greek philosopher, flourished A.C. 300.

ERFURT or ERFURTH, formerly Erpiz, an ancient town of Germany, in Upper Saxony, the capital of Thuringia. The university was established in 1392, and the professors' chairs were allowed to be filled half with Roman catholic, and half with protestant teachers. In 1754, an academy of sciences was formed, to which were added, a botanical garden, an anatomical theatre, an astronomical observatory, a riding school, and a society of natural history. In 1806, 14,000 Prussians, who had escaped from the battle of Jena, took refuge in this town, but were compelled to surrender to the French on the following day. In 1808, it was the scene of an interview between the emperor of Russia and Napoleon; and in 1813, served as an asylum for the French army, after the battle of Leipsic.

ERIE, FORT, taken by the American General Brown, July 3, 1814. Attacked successfully by the British, with the loss of 962 men, Aug. 15, 1814. Sortie from, repulsed by the British, but with great loss, Sept. 17, 1814. Evacuated by the Americans, Nov. 5, 1814.

ERIE CANAL, commences at the city of Albany, and terminates at Buffalo, in

the country of Erie; connects the waters of the Hudson River with those of Lake Erie. It is 363 miles in length, has 83 locks, each 90 feet long in the clear, and 15 feet wide, of 689 feet rise and fall, and 18 aqueducts; the longest at Rochester, 804 feet, across the Genessee river; the canal is 40 feet wide at the surface, 28 feet at the bottom, and four deep. It was commenced in 1817, and finished in 1825.

ERIE, LAKE, North America, separates the United States from British America; it is 280 miles long from south-west to north-east; varying in breadth from 10 to 63 miles, and 658 miles in circuit, covering 12,000 square miles in surface. This lake is navigable for vessels of any burden, but dangerous on account of numerous rocks which project from the northern shore. An engagement took place on this lake, Sep. 10, 1813, between an American and an English squadron, the former commanded by Admiral Perry.

ERIVAN, or Persian Armenia, town and province of Persia. In 1724, this town was besieged by the pacha of Algezira, and capitulated after a vigorous resistance. It had been in the possession of the Persians since 1748. The Russians blockaded it in 1808, and after a protracted siege, endeavoured to take it by storm, but were repulsed with great slaughter. It was taken by the Russians in the Persian war, October, 1827.

ERMINÉ, order of knighthood, began in France, 1450; in Naples, 1463.

ERSKINE, THOMAS, LORD, was the third son of the earl of Buchan, and born in Scotland in 1750. He was educated for the naval service, and went to sea at a very early age. On quitting the sea-service in 1768, he entered into the army as an ensign, and accompanied his regiment to Minorca. On his return to England in 1772, he appears to have acquired considerable reputation for the acuteness and versatility of his conversational talents.

At length, encouraged by the approbation of his mother, the countess of Buchan, he entered upon the study of the law in 1777, and registered his name as a fellow-commoner of Trinity College, Cambridge, and a student of Lincoln's Inn. One of his college declamations still extant, was the Revolution of 1688, which gained the first prize.

Mr. Erskine was called to the bar in

1778; and was very shortly afterwards presented with an opportunity of displaying his shining oratorical powers, in favour of Captain Baillie, who had been deprived of the directorship of Greenwich Hospital by the late earl of Sandwich, then first lord of the admiralty. His defence of Admiral Keppel, for which he received 1000 guineas, completely established his fame as an advocate; and, from that time, business began to press upon him to an extraordinary extent, and he was looked upon as one of the most able counsellors in the court of King's Bench. In 1783, he was nominated to a seat in the House of Commons as a representative of the borough of Portsmouth. His defence of Paine is said to have cost Mr. Erskine the situation of attorney-general to the prince of Wales. In 1802, however, he was restored to his situation, and also made keeper of the seals, to the duchy of Cornwall. The most brilliant event in his professional life was the part he undertook, in conjunction with Sir Vicary Gibbs, in the state-trials in 1794. The trials lasted several days, and ended in the acquittal of the prisoners.

1806. On the accession of Mr. Fox and his party to power, Mr. Erskine was sworn a member of the privy council, created a baron (Feb. 7, 1806) by the title of Lord Erskine, of Restonnel-castle, in Cornwall, and entrusted with the great seal as lord high chancellor of England, in which latter capacity he presided at the trial of Lord Melville. On the dissolution of the Whig administration, Lord Erskine retired upon a pension of £4000 a-year. Although his lordship was in opposition to the measures of government, the Prince Regent, in 1815, invested him with the order of the thistle. He died at Almonde, six miles from Edinburgh, in 1823.

ERZERUM, or ERZEROM, city, Asiatic Turkey, capital of Armenia; taken by the Russians, 1829. Count Paskevitch appeared before it on July 2, stormed the intrenchments, and put the Turks to flight; they lost 1,500 prisoners, with the greatest part of their artillery, ammunition, and provisions. On the 5th, the Russian columns advanced against the town, and it was given up, with 150 cannon, and large magazines of ammunition and provisions. The Seraskier himself, and four of his principal pachas, were made prisoners.

ESAU born, A.C. 1836.

ESCOT HOUSE, near Honiton, destroyed by fire, Dec. 27, 1808.

ESCURIAL, a village of Spain, celebrated for the superb palace of the Escorial, or St. Lorenzo, one of the finest in Europe. It was built in commemoration of a victory which Philip II. obtained over the French at St. Quintin, on St. Lorenzo's or St. Laurence's day, in 1557. The burial-place of the royal family, called the Pantheon, was begun by Philip III, and completed by Philip IV.

ESOP, a native of Phrygia, who lived at the time of Solon, about the 51st Olympiad, A.C. 572, during the reign of Cræsus, the last king of Lydia. His condition was that of a slave, and his person was so deformed, that one of his masters found great difficulty in disposing of him, as every one who saw him was shocked at the unsightliness of his figure. Having obtained his liberty, Esop acquired very distinguished reputation, and was much esteemed by Cræsus. Eusebius and Suidas refer his death to the 54th Olympiad; but this date is not consistent with the occasion to which Phædrus ascribes the fable of the frogs. In Blair's Tables, his death is fixed at about A.C. 561.

ESOPUS, now KINGSTON, on North River, in North America, totally destroyed, with great quantities of stores, October 15, 1777.

ESQUIMAUX, a people of North-America, inhabiting the coasts of Labrador and Hudson's Bay. They were visited by the Moravian brethren in 1764. In 1826, both Captain Franklin's and Dr. Richardson's parties were attacked on the same day by great numbers of these people, who had stationed themselves in the eastern and western outlets of the Mackenzie.

ESSEQUIBO, colony, South America, in British Guiana, on a river of the same name, originally settled by the Dutch; taken, and finally ceded in 1814 to the British. Mr. Schomburgk, in his expedition, under the direction of the Geographical Society, into the interior of Guiana, in the years 1835 and 1836, undertook to explore the course of the river Essequibo and several of its tributaries. He pursued his course, under unexampled difficulties, to the grand cataract, which put a stop to their further proceedings, and which had never been visited by any European.

ESSEX, THOMAS CROMWELL, EARL OF. See CROMWELL.

ESSEX, ROBERT DEVEREUX, EARL OF. See DEVEREUX.

ESTADO LUD PERUANO, new independent state of South America, including the four provinces of Cuzco, Ayacucho, Puno, and Arequipa. In consequence of the defeat of the Peruvian chief, Salaberry, in February, 1836, by the united armies of Bolivia and Peru, the representatives of the four southern provinces assembled at Sicuani, March 17, 1837, declared their separation from the republic of Peru and their incorporation into an independent state.

ESTCOURT, RICHARD, dramatic author, died 1713, aged 48.

ESTHONIA government, European Russia, was anciently subject to Russia, but, in 1385, sold to the Teutonic knights, and made part of Livonia. It was an object of fierce contention for many years between the Russians, Poles, and Swedes, but was ceded to the last mentioned, in 1660, by the peace of Oliva; it was subdued by Peter the Great, of Russia, in 1710, and finally confirmed to that power in 1721.

ETHELBALD I., tenth king of the Mercians, 15th monarch of England, in 716, was slain by his own subjects when he was leading his troops against Cuthred, the west Saxon, in 756.

ETHELBALD II., king of England, eldest son of Ethelwolf, succeeded in 857. Died Dec. 20, 860.

ETHELBERT I., fifth king of Kent, and sixth monarch of England, in 592. St. Augustine first arrived in his dominions, to whose doctrine Ethelbert became a convert. He died Feb. 24, 617, and was buried at Canterbury.

ETHELBERT II., second son of Ethelwolf, succeeded in 860. He died in 866, and was buried at Sherborne.

ETHELBERT'S TOWER, in Canterbury, built 1047.

ETHELRED I., king of England, succeeded to the throne in 866. In a battle with the Danes he was wounded at Wittingham, Berkshire, which occasioned his death, April 27, 872, and he was buried at Winborne, in Dorsetshire.

ETHELRED II. succeeded, and was crowned at Kingston-upon-Thames, on April 14, 979. During his reign, England was ravaged by the Danes. Ethelred died, April 24, 1016.

ETHELWOLF, eldest son of Egbert succeeded his father, notwithstanding, at the time of Egbert's death, he was bishop of Winchester. His son Ethelbald obliged him to divide the sovereignty with him, 856. He died Jan. 13, 857, and was buried at Winchester.

ETNA, or **GIBELLO**, a celebrated volcanic mountain of Sicily, at the east end in the Val di Demona. The first recorded eruption of this volcano was in the time of Pythagoras. In the reign of Dionysius the younger, the sixth took place. It threw up flames of lava nearly a hundred times between that period and the battle of Pharsalia. It was particularly furious while Sextus Pompeius was adding the ravages of war to its devastations. Charlemagne was at Catania during one of its eruptions; and from his reign the Sicilian chronicles mention fifteen, down to that of 1669, the most terrible of them all. The most considerable eruptions of modern times, happened in the years 1535, 1554, 1566, 1579, 1669, 1692, 1755, 1766, 1787, and 1809. The eruption of 1669 commenced March 8, near Nicolosi; on the 10th, a chasm several miles in length opened in the sides of the mountains; several others were afterwards opened: the stream of lava was two miles broad, and continued its course for some months. In the eruption of 1809, no fewer than 12 new openings appeared half way down the mountain, and continued during several weeks. Another appeared May 26, 1830, when seven new craters were opened, and eight villages with the inhabitants destroyed. The last was in 1832.

ETON owes its importance to its college, or school, founded by Henry VI. in 1440, under the title of "The King's College of our Lady at Eton by syde Windsore." There are at present a provost, vice-provost, six fellows, 70 scholars, two masters, having each four assistants, two conductors or priests, an organist, eight lay clerks, two choristers, with subordinate officers.

ETRURIA, kingdom of, created, out of the grand duchy of Tuscany, by the French, 1801; annexed to the kingdom of Italy, 1807.

ETRURIANS, conquered by the Romans, A.C. 567; submitted to Camillus, 386; privileges of citizens conferred on them, 381.

EUCLID, the mathematician, was born at Alexandria, and flourished in the reign of Ptolemy Lagus, about A.C. 277. We have no certain information as to the precise period, either of his birth or death. The most celebrated of his works is his *Elements of Geometry*. The elements have been translated into the language of every country where learning has been introduced; and a multiplicity of commentaries have at different times, and by various authors, been written on them. Among the Arabic translations of Euclid, that of Honain Ebn Ishak al Ebadi has been particularized; he was a learned physician, and flourished in the reign of the Caliph al Motawakkel, A.D. 847. Adelaar, a monk of Bath, who lived in the 12th century, appears to be the first who made a Latin translation, which he did from the Arabic, as no Greek copy had then been discovered. The editions of Euclid now mostly used in this country are those of Simson, Playfair, and Ingram; that of Dr. Simpson was published in 1756. But the most perfect edition of the works of Euclid which has hitherto appeared in this country, is that by Dr. David Gregory, in Greek and Latin, published at Oxford in 1703.

EUGENE, FRANCIS, prince of Savoy, commonly known by the name of Prince Eugene, was descended from Carignan, one of the three branches of the house of Savoy, and born at Paris in 1663. His father, Eugene Maurice, was general of the Swiss and Grisons. His mother, Olympia Marcini, niece of Cardinal Mazarin, was a woman of an intriguing disposition, and once the chief favourite of Louis XIV. Thinking that his merits were slighted by the French court, he quitted France in 1683, full of enmity against its sovereign, and vowing that he would never re-enter his territories, except with arms in his hands. He arrived at Vienna at the moment when it was closely besieged by the Turkish army, and having greatly signalled himself both in the defeat and pursuit of the enemy, he was appointed, in the course of a few months, to a colonelcy of dragoons. From this time his reputation increased, with every action in which he engaged, till, in the year 1697, he was appointed to the command of the imperial army. In the autumn of this year, he entirely defeated the Turks

at the battle of Zeuta, in which the grand vizier, and more than 20,000 men were left on the field.

When the war of the Spanish succession broke out, in 1701, Prince Eugene was appointed to the command of the Austrian army in Italy, which consisted of 30,000 veteran troops. At the celebrated battle of Blenheim, he commanded the imperial part of the army, and in the battle of Malplaquet, in 1709, he received a wound behind his ear. At length, all parties being worn out with perpetual war, Eugene was appointed to negotiate with Villars, at Rastadt; and, in the course of the year 1714, concluded a general peace between the empire and France. But he was soon after called out to contend again with the Turks, whom he signally defeated in the year 1716.

1717. He undertook the siege of Belgrade, which surrendered, and an advantageous peace was the result of this victory. In the year 1733, when it was proposed to resist, by force of arms, the intention of the French court to replace Stanislaus on the throne of Poland, Prince Eugene strongly dissuaded the emperor from a war in which he foresaw so little support, and so formidable an enemy; but his counsel was overruled, and he accepted the command of the army at the age of 70. Though greatly inferior in numbers, he prevented the duke of Berwick from penetrating into the heart of the country; and in the following campaign, he finished his military career, by taking Trarbach, and delivering the electorate of Treves. He spent the remaining years of his life in complete retirement, and died tranquilly at Vienna, April 10, 1736, in the 73d year of his age.

EULER, LEONARD, an eminent mathematician of the 18th century, was born at Basil in 1707. He was afterwards sent to the university of Basil, and in 1723, took his degree as master of arts. In 1725, an academy of sciences being instituted at Petersburgh, he was made joint professor with his countrymen, Messrs. Hermann, and Daniel Bernouilli. It was at this time that he carried to new degrees of perfection the integral calculus, invented the calculation of sinuses, reduced analytical operations to a greater simplicity, and thus was enabled to throw new light on all the parts of mathematical science. In

1730, he was promoted to the professorship of natural philosophy; and in 1733, he succeeded his friend Daniel Bernouilli in the mathematical chair.

1735. A problem was proposed by the academy which required expedition, and for the solution of which several eminent mathematicians had demanded the space of some months. The problem was solved by Euler in three days, to the great astonishment of the academy. In 1742, he obtained a pension from the academy at Petersburg, and in 1766, by permission of the king of Prussia, returned to Petersburg. Soon after his return, having lost his sight, he dictated to his servant, a youth entirely ignorant of the first principles of mathematics, his *Elements of Algebra*. About this time he became a member of the Academy of Sciences at Paris, and, after this, the academical prize was adjudged to three of his memoirs, on the *Inequalities in the Motions of Planets*. At length his life was terminated by a fit of apoplexy, Sept. 7, 1783, at the age of 76.

EUPHRATES, one of the most considerable rivers of Asia, the source of which is in the mountains of Armenia. According to Ptolemy, above Babylon it divided itself into two branches, one running to Babylon, and the other to Seleucia, where it fell into the Tigris. Between these two branches a canal was cut from the Euphrates, above Babylon, to the Tigris at Apamea, 60 miles below Seleucia. At the distance of 800 furlongs from Babylon, to the south, was another canal, called by Arrian Pallacopes, on which Alexander sailed from the Euphrates to certain lakes or marshes in Chaldea. The canal of Pallacopes, dug by the Babylonian kings, had fallen into decay, and was partially cleaned out in 1793, by the nabob of Oude.

The navigation of this river is at present a matter of peculiar interest to the British public, in consequence of the project for opening a communication between England and the East Indies, by the Euphrates and the Persian Gulf. It is stated that the Euphrates is navigable for steam-boats from Bassora to Hit, lat. $33^{\circ}42' N.$, long. $42^{\circ}30' E.$, at all seasons of the year; but from Hit, upwards, it becomes more difficult. The greatest objection to the route to India, by the Euphrates, arises from the character of the Arabs, whose naturally wandering and plundering habits are strengthened by an unsettled government. The Tigris is

more easily navigated than the Euphrates as far as Bagdad, because the depth of water is more equal.

Captain (now Colonel) Chesney, in a report on the navigation of this river a few years ago, stated his reasons for believing this undertaking to be practicable. With a view to substantiate his plan he minutely examined the river between Anna and Babylon, and for the rest of the course between Bir and Bassora, collected information for the purpose of enabling those interested to judge of the propriety of establishing this line of communication. The only information we formerly had of that part of the course of the river was from Ranwolf, a German traveller, who, in 1575, undertook a similar voyage down the Euphrates. The point on the river which Captain Chesney proposed as the station of the steam-boats is Bir, on the left bank. The position of this town is fixed at about lat. $36^{\circ}59' N.$; long. $38^{\circ}7' E.$ From Bir to Bassora, following the windings of the river, the distance was calculated by Captain Chesney at 1143 miles. If to the 1143 miles between Bassora and Bir we add 600 miles more, following the river to its source along the Morad, this will make 1743 miles. The distance from Bassora to the gulf increases the whole to about 1800 miles.

Captain Chesney afterwards made proposals for a second expedition to explore the other part of the river, preparatory to carrying into effect his original plan of establishing steam navigation on the Euphrates. In 1834, the last difficulties of preparation were removed, and this persevering navigator set out in order to reap the reward of his labours and exertions, by being allowed to make his experiment in his own way. The expedition sailed in the *George Canning*, of Liverpool; which was chartered to convey it to Scanderoon, whence it was planned that the iron boats, and other materials, should be transported across the desert.

Preparatory to this principal expedition in August, 1835, Lieutenant Murphy commenced the grand line of levels from the Mediterranean to the Euphrates with reference to canals and other objects of deep interest connected with science.

In the early part of January, 1836, Colonel Chesney, who had suffered much from indisposition, left his bed, and was actually put upon his horse to prosecute a scientific journey to Mount Taurus and part of Asia Minor; he was accompanied

by Lieutenant Murphy, Mr. Ainsworth, and Mr. Staunton. In March, having reached the river, the expedition was put in motion, consisting of the Euphrates and Tigris steam-vessels. On June 9, the Euphrates steamer arrived off Bassora, and celebrated its safe descent of the great river whose name it bore, gratifying, at the same time, the feelings of loyalty excited by the remembrance of the monarch under whose patronage this enterprise was carried on, by firing a number of guns equivalent to the age of that late regretted monarch, William IV. At a subsequent period two different ascents were made of the Kárún and two descents of the Bahamishir, while the country, intervening between the Jeráhi and the Euphrates, the great delta of Susiana, concerning which so much that is incorrect is laid down in our most modern maps, was examined.

1836. Orders came in September to proceed up the Tigris river. This was accordingly done, although the difficulties presented themselves of a current considerably stronger at this season of the year, and of the numerous sandbanks and shoals, such as do not characterize the sister stream, and which rendered the navigation at the low season much more formidable. The Arabs were found peaceable; wood was met with in abundance on the banks of the river; and the Euphrates succeeded in ascending to Bagdad, in a period of $104\frac{1}{2}$ hours; being a distance, from the mouth of the river, of 543 miles. A second time, in the month of December, 1836, was the river Tigris ascended to upwards of 400 miles beyond its junction with the Euphrates.

1837. In March Colonel Chesney accomplished his last arduous and dangerous task of taking a mail from the Persian gulf of Zoobeir, across the great desert to Bairut, which he did, unaccompanied by any European.

At a late meeting of the British Association, was read a letter from Lieutenant Lynch, Ind. Navy, dated Hit, June 1, 1838, describing the facility with which his steamer had ascended the Euphrates from Bassora to that place. Between Hillah and Hit the Euphrates is a broad, deep, and beautiful stream, in some of its bends nearly a mile wide; the country extremely fertile; the crops of corn abundant, and just reaped; the population of Arabs along the banks extensive, and apparently happy, welcoming the ap-

proach of the steamer with shouting and dancing, and supplying its wants of fuel with great readiness and cordiality. The productions of the country, as wool, naphtha, bitumen, ghi or butter, tallow, corn in abundance, and horses of the finest breed, are mentioned as easy to be obtained, and in large quantities. The letter concludes with an expression of the writer's conviction that a profitable trade might easily be established; and, after the experience he has had of the river, that there are no physical obstacles to its free navigation with properly constructed vessels. An explanation was then given of maps which were exhibited, and particularly of that showing the line of levels carried between the Mediterranean at Iskanderúm and the river Euphrates at Birehjík; whence we learn that the city of Antioch is situated 300 feet above the sea, the town of Birehjík, 628 feet; and the highest point between the sea and the river rises 1720 feet above the Mediterranean. On May 14, the royal gold medal of the Geographical Society was presented to Colonel Chesney, for his distinguished services to Geography; as "opening the road into a large range of country hitherto very imperfectly known; navigating, for the first time in modern history, two of the most celebrated rivers of the ancient world, the Euphrates and the Tigris; adding largely to our knowledge of Syria and Mesopotamia, Assyria, and Susiana; carrying on a line of levels from Iskanderúm to Bir, and thence, along the whole course of the Euphrates, to the Persian gulf; and laying down the course of the Orontes from its mouth to Jisr Hadíd."

EURIPIDES, one of the most celebrated tragic poets of Greece, was born about A.C. 468, in the isle of Salamis. He used to shut himself up in a cave to compose his tragedies, which were so highly esteemed in his own time, that when the Athenian army, commanded by Nicias, was defeated in Sicily, the soldiers purchased their lives and liberties by reciting the verses of Euripides. He died when he was about 75 years of age. Of the 92 tragedies which he composed, only 19 are remaining; the most valuable editions of which are those of Aldus, in 1503, 8vo.; of Plautin, in 1570, 16mo.; of Comelin, in 1597, 8vo.; of Paul Stevens, in 1604, 4to.; and of Joshua Barnes, 1694, folio.

EUROPE, the smallest of the great

divisions of our globe, but distinguished above the rest by the flourishing condition of arts, sciences, industry, and commerce. It is probable that the first inhabitants emigrated from Asia. Greece was first peopled by these emigrants, about A.C. 1400. The most flourishing period of the Greeks was about A.C. 300.

The Romans, who appeared at an earlier period, made no figure in history till they had become masters of Italy, and had proved victorious in their struggle with the Carthaginians, A.C. 146. From that period their power began to extend over all Europe. By the progress of the Roman arms, Spain, Portugal, France, the coast of England, Belgium, Helvetia, the part of Germany between the Danube and the Alps, the Hungarian provinces (then called Pannonia, Illyria, and Dacia), became known, and received the Roman manners, language, and refinement.

With the fall of the Roman empire, occasioned chiefly by its separation into the eastern and western empires, a great change in the political constitution of Europe was produced by the universal emigration of the northern nations, who poured down upon the beautiful and cultivated countries of the Roman empire. The Ostrogoths and Lombards settled in Italy about 493; the Franks in France about 508; the Visigoths in Spain about 585; and the Anglo-Saxons in South Britain about 685. The empire of the Franks was enlarged, under Charlemagne, to such an extent, that the kingdom of France, Germany, Italy, Burgundy, Lorraine, and Navarre, were afterwards formed out of it. About this time the northern and eastern nations of Europe began to exert an influence in the affairs of the world. The Slavi, or Slavonians, founded kingdoms in Bohemia, Poland, Russia, and the north of Germany; the Magyarians appeared in Hungary, and the Normans agitated all Europe.

The revival of letters, by the Greeks fleeing from Constantinople, gave an entirely new impulse to Europe. Out of the chaos of the middle ages arose the states of Germany, France, Spain, Portugal, England, Scotland, Switzerland, the Italian powers, Hungary, Bohemia, Poland, Denmark, Sweden, Norway, and Russia. By the capture of Constantinople (1453), the Turks became a European power. Austria,

Holland, Prussia, and Sardinia were also added to the number of European states; and Russia, from the time of Peter I. 1682, was changed from an Asiatic into a European empire. The attempts of Charles V. and Louis XIV. to become masters of Europe failed; but, in our own times, Napoleon conceived the project of forming, from the European states, a universal monarchy, and pursued it for 10 years.

Since the formation of the states of Europe, the following have disappeared from the list of independent powers: Hungary, Poland, the German empire, Scotland, Bohemia, Venice, Genoa, and Milan. The following have been added: the states of the Germanic confederacy, the Italian states, the republic of the Ionian islands, and the kingdom of Greece.

STATISTICAL VIEW OF THE PRINCIPAL
EUROPEAN STATES FOR 1830.

European States.	Area in German square miles of about 21½ English.	Population.
Austria	12,151	32,500,000
Bavaria	1,477	4,037,017
British Empire	5,556	22,297,621
Denmark	2,465	2,057,531
France	10,086	32,052,545
Hanover	695	1,582,574
Netherlands	1,196	6,977,500
Ottoman Empire	9,602	9,393,000
Portugal	1,722	3,782,550
Prussia	5,054	12,778,403
Russia	66,718	41,990,000
Sardinia	1,363	4,167,377
Saxony	271	1,400,100
Sicilies (The Two)	1,947	7,414,717
Church States	811	2,483,940
Sweden	13,734	3,878,700
Switzerland	696	2,037,030
Spain	8,446	13,651,172
Tuscany	395	1,300,530
Wirtemberg	359	1,535,403
Minor Provinces	29,304	43,694,175

Total 174,048 251,011,885

For further particulars see the names of the different countries, AUSTRIA, BAVARIA, &c.

EUSEBIUS, surnamed PAMPHILUS, the celebrated bishop of Cæsarea, was born in Palestine about 270. In the persecution of Dioclesian he removed to Tyre, and thence travelled into Egypt; but the same persecution was carried on in that country, and Eusebius was im-

prisoned. When the persecution abated, he returned to Palestine, and was elected bishop of Cæsarea, as is generally supposed, in the year 315.

At the council of Nice, in 325, he was, by the command of Constantine, placed on the right hand of the throne, and commenced the business of the day by an elegant address to the emperor. He was also present at the council of Antioch, in which Eustathius, bishop of that city, was deposed. In 335, he assisted at the council of Tyre, held against Athanasius; and at the assembly of bishops at Jerusalem, at the time of the dedication of the church there. By these bishops he was sent to the Emperor Constantine to defend what they had done against Athanasius. Eusebius died in 339.

Many of Eusebius's most valuable works are entirely lost, and of others only translations of some parts of the original remain. The Evangelical or Ecclesiastical History, in 10 books, which contains the history of the church from the birth of Christ, to the death of the elder Licinus, a period of 324 years, is accounted the most valuable, as it furnishes the principal information which we possess concerning the first ages of christianity.

EUSTATHIANS, a name given to the catholics of Antioch, in the fourth century, on occasion of their refusal to acknowledge any other bishop besides St. Eustathius, deposed by the Arians.

EUSTATHIANS were also a sect of heretics in the fourth century, denominated from their founder Eustathius, a monk so foolishly fond of his own profession, that he condemned all other conditions of life.

EUSTATIA, or **EUSTATIUS**, island, West Indies, one of the Leeward or Caribbee islands. The Dutch made the first settlement here about 1600. In 1665, it was taken by the British; but in 1667, the French expelled the English, and restored the island to the Dutch. In 1689, the English retook it, but resigned it at the termination of the war in 1697. In 1781, a large naval and military British force seized the island, and confiscated all the property on it, but, in the same year, were themselves driven out by the French. In 1809, they retook it, but ceded it finally to the Dutch in 1814, with whom it still remains.

EUTROPIUS, the Roman historian, flourished 428.

EUTYCHIANS, ancient heretics, who denied the union of two natures in Christ; thus denominated from Eutyches, the archimandrite, or abbot of a monastery at Constantinople, who began to propagate his opinion in 448. This heresy was first condemned in a synod held at Constantinople by Flavian, in 448, approved by the council of Ephesus in 449, and re-examined and fulminated, in the general council of Chalcedon, in 451.

EUTYCHIUS, patriarch of Constantinople, was born in 512. He was brought up to the ecclesiastical profession, and obtained in early life the episcopal dignity in a town of Pontus, which he afterwards relinquished, and entered into a monastery in the city of Amasæa. In 552, he was deputed by the bishop of that city to Constantinople, as his representative, in the approaching general council that was to be held there. Before the meeting of the council he obtained the favour of Justinian, who raised him to the patriarchate in 553. He died in 585, aged 73.

EVELYN, JOHN, a learned writer and natural philosopher, was born at Wootton, in Surrey, in 1620. After making the tour of Europe, he returned to England about 1651. He was one of the first promoters of the Royal Society, and a patron of the ingenious and indigent. In 1662, he published "Sculptura, or the History and Art of Chalcography, or Engraving on Copper." In the reign of James II., during the absence of the earl of Clarendon in Ireland, he was made one of the commissioners for executing the office of privy seal, and after the revolution he was appointed treasurer of Greenwich Hospital. Mr. Evelyn died in 1706, aged 86. He is best known as an author by his "Sylva, or a Discourse of Forest Trees."

EXALTATION OF THE CROSS, instituted 629.

EXAMINATION OF WITNESSES. A recent and important act, 1 Will. IV. c. 22, March 30, 1831, to enable courts of law to order the examination of witnesses upon interrogatories and otherwise; enacts that all the power, provisions, and matters contained in the 13 Geo. III. c. 63, relating to the examination of witnesses in India, shall be extended to all colonies, islands, planta-

tions, and places under the dominion of his majesty in foreign parts, and to the judges of the several courts therein, and to all actions depending in any of his majesty's courts of law at Westminster.

EXARCH, an appellation given by the emperors of the east to certain officers sent into Italy, in the quality of vicars, or prefects, to defend that part of Italy which was yet under their obedience. The Exarchs of Ravenna began under Longinus, 569, were conquered by the Lombards, 752.

EXCHANGE, ROYAL. See **ROYAL EXCHANGE.**

EXCHEQUER BILLS, bills of credit, first issued by authority of parliament in 1696, as a more convenient kind of security than the tallies or orders for repayment then in use. They were then taken at the exchequer for all payments of the revenue, and, when re-issued, they were allowed £7 12s. per cent. interest. The Bank of England, ever since the year 1706, have been the contractors for the circulation of exchequer bills, at a certain premium. The commissioners of the Treasury are empowered, by various statutes, to borrow money, within a specific sum, limited by those statutes, by issuing exchequer bills on the credit of certain duties; which bills, by 12 Anne, cap. 11, and 12 Geo I. cap. 11, bear an interest of *2d.* a day per cent., payable to the bearers. But the interest payable on them has differed according to the current rate of interest at the time when they have been issued.

1717. The first funding of exchequer bills was effected by the conversion of their amount into perpetual five per cent. annuities: 2,000,000, then held by the Bank of England, were converted in this manner, by a private arrangement, with the directors. The interest payable upon these securities was formerly, and for a long period, as high as $3\frac{1}{2}d.$ per centum per diem; this rate was afterwards reduced successively to $3d.$, $2\frac{1}{2}d.$, $2d.$, and, in May, 1824, to $1\frac{1}{2}d.$, at which it now remains.

EXCHEQUER, COURT OF, an ancient court of record, in which all causes concerning the revenues and rights of the crown are heard and determined, and where the crown revenues are received; said to have been erected by William the Conqueror in 1079, its model being taken from a like court established in Normandy, long before that time.

EXCHEQUER CHAMBER, COURT OF, erected by Edward III. 1359; improved by Elizabeth 1584.

EXCISE, duties or taxes laid on such articles as are produced and consumed at home. They were introduced into England by the Long Parliament in 1643; being then laid on the makers and venders of ale, beer, cider, and perry. The royalists followed the example, both sides declaring that the excise should be continued no longer than the war. When the nation had been accustomed to it for a few years, the parliament declared, in 1649, that the "impost of excise was the most easy and indifferent levy that could be laid upon the people."

The excise was placed on a new footing at the Restoration, and has continued progressively to gain ground. At the time of the peace of Amiens, in 1801, the gross amount of it for England was £12,507,800. After that, for some time, the amount nearly doubled; the gross produce, in 1807, being about £24,000,000. In 1820, the gross produce was £29,675,988; in 1830, £19,990,092; and in 1838, £14,750,521.

EXCISE OFFICE, the first established in England, 1643; its officers, deprived of their votes for members of parliament, 1782.

EXCISE OFFICE, Broad-street, London, built 1774.

EXCLUSION BILL, first moved in parliament, Sunday, April 27, 1679.

EXCOMMUNICATION by the pope, first instance of, 730.

EXETER, the capital of Devonshire, and a bishopric, supposed to be identical with Isca-Daemoniorum, a Roman station, mentioned by Ptolemy, in the middle of the second century: it was called by the Saxons, Monkton, from its numerous religious houses. In 914, Athelstan expelled the Cornish Britons, and changed the name to Exonceaster, from which its present appellation is derived. It suffered repeated attacks during the incursions of the Danes, especially in the beginning of the 11th century.

After the Norman conquest, Exeter was besieged and taken by William I., and it was subsequently exposed to hostilities in the reigns of Stephen and Edward IV. Under Henry VII. it was besieged by Perkin Warbeck. In 1544, the insurgents from Cornwall, against Edward VI., made an unsuccessful as-

sault upon this place. In the beginning of the civil war, in the reign of Charles I., this city was in the hands of the parliament, but was taken for the king by Prince Maurice, Sept. 4, 1643. It then became the royal residence and head quarters of the royalists. The duchess of Orleans, daughter of Charles, was born here. In April, 1646, it surrendered to the parliament.

The cathedral, founded as a conventual church, about A.D. 932, by King Athelstan, has been re-edified, at different times, and therefore exhibits several varieties of architecture; it extends 408 feet from east to west without the walls. The height of the vaulted roof is 69 feet, and that of the Norman towers which form the transepts, 130 feet to the top of the battlements.

EXETER CASTLE, built 680.

EXETER CHANGE, taken down to make an opening in the Strand, 1829. The new Exeter Change opened with much ceremony, March 29, 1831.

EXETER COLLEGE, Oxford, built 1316.

EXETER CONDUIT constructed 1486.

EXMOUTH, HON. EDWARD PELLEW, VISCOUNT, born April 19, 1757, at Dover. He entered the navy before he was 14, and had the opportunity of distinguishing himself in the battle on Lake Champlain, October 11, 1776. On his return to England after the convention of Saratoga, he was promoted to the rank of lieutenant. In 1782 he obtained his commission as post-captain; and, from the Dictator, his first ship in the Medway, was transferred to the Salisbury, 50 guns, in which he was flag-captain to vice-admiral Milbank, off the coast of Newfoundland. In 1793 he was appointed to the command of *la Nymphe*, 36 guns. On the 18th of June he fell in with the French frigate, *la Cleopatra*, 36 guns, and after a most gallant and determined action, the enemy struck her colours.

Soon after this Captain Pellew was appointed to the *Arethusa*. In this ship he was engaged in many encounters, both with batteries on shore, and the enemy's vessels at sea. In 1796, while in command of the *Indefatigable*, 49 guns, he displayed the greatest bravery and humanity in saving the crew of the *Dutton East Indiaman*, which had been driven on shore in a heavy gale of wind

on the rocks near the garrison at Plymouth. For this heroic conduct he was presented with the freedom of Plymouth, and, on the 5th of March, created a baronet.

1799. Sir Edward Pellew was appointed to the command of *l'Impetueux*, 78 guns, and was constantly and actively employed in various services on the French coast; he was also attached to the squadron under Sir J. B. Warren in the expedition against Ferrol, where he bore a conspicuous part. In 1802 he was nominated colonel of marines. In the same year he was returned as a member of parliament for Barnstaple. He distinguished himself in the house by a warm and manly defence of Earl St. Vincent; but retired by accepting the Chiltern Hundreds, July 26, 1804, when he was appointed to the East India station. On the 23d April, 1804, he was promoted to the rank of rear-admiral, and appointed commander-in-chief in the East Indies.

May 14, 1814, he was raised to the dignity of the peerage by the title of Baron Exmouth, with a pension of £2000 per annum, as a reward for his eminent and long services. On the 4th of the following month he was further promoted to the rank of full admiral; he was nominated a K. C. B. January 2, 1815, and a G. C. B. March 16, 1816. On the return of Napoleon from Elba, his lordship proceeded to his command in the Mediterranean, and concluded treaties with Algiers, Tunis, and Tripoli, for the abolition of christian slavery. On his return to England, the Algerines having violated the treaty, his lordship embarked on board the *Queen Charlotte* for Algiers. The records of the memorable battle of Algiers are well known, and the honourable result of the action is duly appreciated. See ALGIERS. He was raised to the rank of viscount by patent, dated December 10, 1816. After Sir Thomas Duckworth's demise he was appointed to the chief command at Plymouth; but after the year 1821 he retired from public service. He died February 6, 1833, at his house at Teignmouth, in his 76th year.

EXPORTS. See IMPORTS AND EXPORTS.

EXTINGUISHER, SELF-ACTING. This ingenious contrivance was invented by Mr. Jones in 1839, who has named it "The Photolyphon, or Self-acting

Extinguisher.” Being slid on to a candle at any distance beyond which the candle is required not to burn, it snuffs it out as soon as the upper part is consumed.

EYCK, HUB. VAN, founder of the Flemish school of painting, born 1366, died 1426.

EYCK, JOHN VAN, the supposed inventor of oil painting, born at Maa-seyk, 1370, died 1441.

EYEMOUTH, sea-port, Scotland, shire of Berwick. On a promontory there are the ruins of a fort built by the earl of Hertford during the minority of

Edward VI., but demolished by treaty with Mary, his successor.

EYRE, justices in, the office instituted by Henry II., 1184; the last instance of their holding a court in any of the forests is believed to have been during the reign of Charles II.

EZEKIEL, the prophet, flourished A.C. 593.

EZERGHAN, on the confines of Armenia, destroyed by an earthquake, when 6300 inhabitants perished, July 28, 1784.

EZRA arrived at Jerusalem, and began his reform A.C. 458.

F.

FABIAN, ROBERT, an English historian, born at London in the 15th century. He was chosen sheriff of the city in 1493. He employed himself in compiling a chronicle, which was printed after his death, entitled “A Concordance of Stories.” He is copious in the affairs of London, for which the work is chiefly valuable, and on that account it is called by Stow “a painful labour, to the great honour of the city and the whole realm.”

FABIUS, MAXIMUS Q., a celebrated Roman general, attained the honour of the consulship, for the first time, A.C. 233, when he obtained a victory over the Ligurians; and the fatal battle of Thrasymenus, A.C. 217, occasioned his election to the dictatorship. In this important office he opposed Hannibal. He continually harassed his army by countermarches and ambuscades, from which he received the surname of Cunctator or Delayer. He died about A.C. 203, in the 100th year of his age, after he had been five times consul, and twice honoured with a triumph.

FABRICIUS, CAIUS, a celebrated Roman general, who in his first consulship, A.C. 282, obtained several victories over the Samnites and Lucanians, and was honoured with a triumph. In 275, he served the office of censor, and displayed that rigour against luxury which had been customary amongst the ancient Romans. He contemned riches during the whole of his life, and died so poor that a dowry was given to his daughters out of the public treasury.

FABRICIUS, JOHN ALBERT, cele-

brated for his great erudition, was born at Leipsic in 1668. In 1686, he entered vigorously upon the study of theology, and began to conceive the project of his *Bibliotheca*. During the next several successive years he distinguished himself as a preacher, a writer, and an able disputant in theology. In 1699, he was elected to the chair of eloquence at Hamburg. He died in 1736, in his 68th year. His principal works are, “*Bibliotheca Græca*,” in 14 vols. 4to.; “*Bibliotheca Latina*,” in two vols. 4to.

FABRONI, ANGILOLO, Italian biographer, born 1732, died Sept. 22, 1803.

FACTORIES BILL. This important statute, 3 and 4 Will. IV. c. 103, August 29, 1833, is designed to regulate the labour of children and young persons in the mills and factories of the United Kingdom. The following are the most important provisions. No person under 18 years of age shall be allowed to work in the night (that is to say) between half-past eight o'clock in the evening and half-past five o'clock in the morning, except in certain cases, in any cotton, woollen, worsted, hemp, flax, tow, linen, or silk mill or factory, in scutching, carding, roving, spinning, &c., making thread, dressing or weaving of cotton, wool, worsted, hemp, flax, tow, or silk, either separately or mixed, in any such mill, &c., in any part of the United Kingdom; but this act is not to extend to that part of the process commonly called fulling, roughing, or boiling of woollens. Persons under 18 years, not to work more than 12 hours in one day, or 69

hours in one week. There shall be allowed not less than one hour and a half for meals. Employment of children under nine years prohibited, except in silk mills. Employment of children under eleven, twelve, and thirteen years of age, for more than nine hours a day, prohibited after the respective periods therein mentioned. Holidays to be allowed, viz., Christmas-day, and Good-Friday, the entire day, and not fewer than eight half-days besides in every year. Children employed in any one mill less than nine hours, not to be employed in any other. Children not to be employed without a certificate from a surgeon or physician as to their being of ordinary strength and appearance. Empowers her majesty to appoint four inspectors of factories, &c., when such children are employed, to visit them by day or by night, when at work. Parents liable to a penalty of 20s. for the employment of children beyond the legal hours, &c. Employers offending against this act, or any order of any inspector, shall forfeit not exceeding £20, nor less than £1, at the discretion of the inspector or justice; but if not wilful nor grossly negligent, it may be mitigated.

The subject was again brought before parliament in 1838, by Lord Ashley and others, and the sixth report on mills and factories, 1840, contains minutes of evidence before parliament which show that the factory laws require revision.

FAENZA, a town of Italy, States of the Church, famous for pottery. In 1796, it was taken by the French, and re-taken by the army of the pope. In 1797, the papal forces were again defeated, and driven out; restored in 1814.

FAGIUS, PAUL, a learned protestant divine, was born at Rheinzabern, in Germany, in 1504. He came over to England with Bucer in 1549, at the invitation of Archbishop Cranmer, to perfect a new translation of the Scriptures. Fagius undertook the Old Testament, but the design was frustrated by his sudden death in 1550.

FAHRENHEIT, GABRIEL DANIEL, a native of Hamburgh, known for the thermometer, chiefly used in England, which is graduated according to a standard invented by himself; born about 1686. In 1724, he published "A Dissertation on Thermometers." He died in 1736.

FAIRFAX, EDWARD, an English poet,

chiefly known by his translation of "Tasso's Godfrey of Bouillon," which was dedicated to Queen Elizabeth, in the year 1600. He died about 1632.

FAIRFAX, THOMAS, LORD, general of the parliamentary forces during the civil wars in the reign of Charles I., was born in 1611. In 1645, he gained a complete victory over the royal army at Naseby. He was among the first of those nominated for king's judges, but he refused to act. He was afterwards appointed general-in-chief of the forces in England and Ireland. At the restoration he was at the head of the committee appointed by the house of commons to attend King Charles II. at the Hague. He died in 1671, aged 60.

FAIRS AND MARKETS first instituted in England, by Alfred, 886. The first fairs originated in wakes, when the number of people assembled brought together a variety of traders annually on these days. In England no fair can be held without grant from the crown, or a prescription which supposes such grant. The times of holding fairs and markets are either determined by the letters patent appointing the fair or market, or by usage. The statute 2 Edw. 3. c. 15, enacts, that the duration of the fair shall be declared at its commencement, and that it shall not be continued beyond the specified time. By statute 5 Edw. 3. c. 5, any merchant selling goods after the stipulated time is to forfeit double the value of the goods sold.

The following are the principal British fairs:—Exeter Dec. fair for cattle, horses, and most sorts of commodities. Weyhill fair in Hampshire (October 10), has, probably, the greatest display of sheep of any fair in the kingdom. Bartholomew fair, in London, used to be of considerable importance, but is now appropriated only to shows of wild beasts, and such like exhibitions, and might be suppressed with advantage. St. Faith's, near Norwich (October 17), is the principal English fair for Scotch cattle. Ipswich has two considerable fairs: one in August, for lambs; and one in September, for butter and cheese: it is reckoned that above 100,000 lambs are annually sold at the former. Woodborough-hill, in Dorset, for west country manufactures, as kerseys, druggets, &c. Northampton and Nottingham have each several large fairs, for horses, cattle, cheese, &c. The August fair of Horncastle, in Lincoln-

shire, is the largest horse fair in the kingdom, many thousand horses being exhibited for sale during its continuance. Falkirk fair, or tryst, is one of the most important in Scotland, for the sale of cattle and sheep. The Oct. fair of Ballinasloe, in the county Galway, Ireland, is famous for the display of cattle and sheep; by far the largest proportion of these animals raised for sale in Connaught being disposed of at it.

The following are the principal foreign fairs:—In France, the fairs of St. Germain's, Lyons, Rheims, Chartres, Rouen, Bordeaux, Troyes, and Bayonne. At Beaucaire, in the department of the Gard, in July, 1833, it is said that there were from 70,000 to 80,000 persons at the fair, and that the business done exceeded 160,000,000 fr., or £6,400,000.

The German, or rather European, fairs, are those of Frankfort on the Maine, Frankfort on the Oder, and Leipsic. The fairs at Frankfort on the Maine should begin, the first on Easter Tuesday, and the second on the Monday nearest to Sept. 8. Their duration is limited to three weeks, but they usually begin from eight to 15 days before their legal commencement. The fairs of Frankfort on the Oder are three in number: viz., Ramieiscere, in February or March; St. Margaret, in July; and St. Martin, in November. The fairs of Leipsic are held thrice a-year, on January 1, at Easter, and at Michaelmas. The first is the least important. About 20,000 dealers are said to have been present at the fair at Easter in 1832, and above 13,000 at that of Michaelmas. The Easter and Michaelmas fairs are famous, particularly the former, for the vast number of new publications usually offered for sale.

Of the Italian fair the most celebrated is that of Sinigaglia in the papal dominions, on the Misa, near its confluence with the Adriatic. The fair commences on July 14, and should terminate on the last day of that month, but it usually continues five or six days longer.

Russian fairs are numerous, and, many of them, well attended. The most important is held at Nishnei-Novogorod, the great emporium of the internal trade of Russia; communicating by an inland navigation with the Baltic, the Black Sea, and the Caspian. It generally lasts from six weeks to two months, and is well known all over the east of Europe. The bazaars erected for the accommoda-

tion of those who attend this fair, form, according to Dr. Lyell, the finest establishment of the kind in the world. The sale of iron, and iron articles, is said, usually, to amount to above 10,000,000 roubles; the furs to 36,000,000; the images to 1,300,000. Captain Cochrane is of opinion that "the fair, in point of value, is second to none in Europe; the business done being estimated at nearly 200,000,000 roubles." Another celebrated Russian fair is held, in the month of December, at Kiachta, in Mongolia, on the Chinese frontier, in lat. 50° 20' north. The total value of the exports by way of Kiachta, in 1831, amounted to 4,655,536 roubles, and that of the imports to 6,775,858 roubles.

The most important fair in the eastern world is that held at Mecca, during the resort of pilgrims in the month of Dhalhajja. It used to be frequented by many thousands of individuals of all ranks and orders, brought together from the remotest corners of the Mohammedan world; and though the numbers attending it have declined of late years, the concourse is still very great.

Hurdwar, in Hindoostan, 117 miles north-east from Delhi, is famous from its being one of the principal places of Hindoo pilgrimage, and the greatest fair in India. The pilgrimage and fair are held together at the vernal equinox. Every 12th year is reckoned peculiarly holy; and then it is supposed that from 1,000,000 to 1,500,000, and even 2,000,000 pilgrims and dealers are congregated together from all parts of India and the countries to the north. In 1819, which happened to be a 12th year, the rush was so tremendous that 430 persons were either trampled to death under foot, or drowned in the river.

FALCONER, WILLIAM, English poet, author of the "Shipwreck," was born at a village in Fifeshire, Scotland. He was brought up a sailor, and in that capacity he spent the greater part of his life, in a very low station. In 1769, he published "The Marine Dictionary," a work of considerable merit. In the same year he embarked on board the Aurora, bound to the East Indies. The vessel was never heard of after.

FALEZI, town of European Turkey, Moldavia. The peace of Falezzi was concluded between Russia and Turkey, in 1711. The Russians gave up Azoph and all their possessions on the Black

Sea to the Turks; in the following year the war was renewed, and terminated by the peace of Constantinople, April 16, 1712.

FALKIRK, a town of Stirling, Scotland, situated on an eminence near the river Carron, on the high road from Edinburgh to Glasgow, and commanding an extensive prospect of the adjacent country; celebrated for a battle fought in its vicinity, July 22, 1298, when the Scots, under Sir William Wallace, were defeated by the English under Edward I. The town was again distinguished by an engagement between the royal and rebel forces, Jan. 18, 1746.

FALKLAND, or **MALVINA ISLES**, Atlantic Ocean, chiefly valuable on account of the seal fishery, which is here very productive. They were discovered by Davis, in 1592, visited by Sir Richard Hawkins, in 1594. The French made a settlement here in 1764, but in 1766 surrendered it to the Spaniards. In 1765, the English took possession of these islands, under the name of the Falkland Islands; in 1770, the Spaniards forcibly dispossessed the English, but in 1771, restored them; from 1774, Spain was the exclusive mistress of all these regions.

From the year 1810 up to 1820, no permanent establishment was fixed here; in 1820, the government of Buenos Ayres took formal possession of them. In 1821, the republic granted these islands, with some reservations, to two individuals of their own nation, but England still lays claim to them. In Dec. 1832, Commander Onslow, in his majesty's ship *Clio*, proceeded to Port Egmont, West Falkland Island, and found on Saunders' Island the ruins of a former British establishment. Not finding any inhabitants, an inscription was left there, attached to a signal staff, on a spot which appeared to be Fort George, stating, "that these islands had been visited by his Britannic majesty's ship *Clio*, for the purpose of exercising the rights of sovereignty, Dec. 23, 1832."

FALLOPIAN TUBES, in anatomy, derive their distinguishing appellation from Gabriel Fallopius, a celebrated physician and anatomist, who was born at Modena, in Italy, in the year 1523. He was made professor of anatomy at Pisa in the year 1548, and at Padua in the year 1551, where he died in 1562.

FALMOUTH, Cornwall, owes its origin

to a woman, who built a small hut here, and sold beer to the sailors coming on shore. In 1613, a regular plan was laid down, and a town built, which received its present name by proclamation of Charles II. in 1660. Previous to the year 1664, Falmouth was part of the chapelry of Budock, and parish of Gluvius; but was, by an act passed in that year, separated and made a distinct parish. The Falmouth tramroad, constructed in 1806, at the expense of Messrs. Fox, and Co., connects with this harbour at Restouquet and at Pile.

FALMOUTH, in New England, destroyed by the British forces, Oct. 18, 1775.

FAMILY COMPACT, between the different branches of the House of Bourbon, signed at Paris, 1761.

FAMINES. The following are the most remarkable:

A.C. 1708. Which lasted seven years in Egypt, &c.

A.C. 440. At Rome, when many persons threw themselves into the Tiber.

A.D. 272. In Britain, so that the inhabitants ate the bark of trees.

306. One in Scotland, where thousands were starved.

310. In England and Wales, where 40,000 were starved.

325. All over Britain.

446. At Constantinople.

450. In Italy, where parents ate their children.

576. In Scotland.

739. All over England, Wales, and Scotland.

747. Another in Wales.

792. In Wales and Scotland.

803. Again in Scotland.

823. Again in Scotland, when thousands were starved.

836. A severe one in Wales.

954. In Scotland, which lasted four years.

864, 974, 976, 1005. Famines in England.

1047. In Scotland, which lasted two years.

1050. 1087. In England.

1193 to 1195. In England and France.

1251, 1315, 1318, 1335, 1348. In England.

1358. In England and France, called the dear summer.

1389 and 1438. In England, so great that bread was made of fern roots.

1565. Two millions were expended on the importation of corn.

1771. A shocking one occurred in the East Indies. †

1772. In Moravia and Bohemia.

1775. A dreadful one at the Cape de Verd islands: carried off above 16,000 persons.

1810. In the province of Vellore, India, by which 6,000 persons perished.

1813. At the diocese of Drontheim, in Norway, in consequence of the intercepting of supplies by Sweden, when 5000 persons perished.

1833. In India, so dreadful, that in one or two cases parents actually boiled and ate their children.

FANCOURT, SAMUEL, the first promoter of circulating libraries, born 1678, died 1768.

FAN-MAKERS' COMPANY, London, incorporated 1709.

FANNY, sloop from St. Malo, wrecked in the Jersey Road, with the loss of 2 of the crew and 11 passengers, among whom was Lord Harley, Jan. 1, 1828.

FANS, muffs, masks, and false hair, first devised in Italy, and brought into England from France, 1572.

FANSHAWE, SIR RICHARD, was born at Ware Park, Herts, in 1608. In the civil wars he adhered to the royal party, and attended the court at Oxford. He was secretary of war to Prince Charles, and afterwards treasurer of the navy under Prince Rupert. He was created a baronet in 1650. He acted as secretary of state for Scotland, and accompanied Charles II. on his expedition to England, and was taken prisoner at the battle of Worcester. The year before the restoration he repaired to the king at Breda, by whom he was knighted. In 1661, he was elected one of the representatives in parliament for the university of Cambridge. He died at Madrid, 1666.

FARLEY CASTLE, Somersetshire, built 1342.

FARNHAM, Surrey, chiefly remarkable for its castle, seated on a hill north from the town, built by Henry de Blois, brother of King Stephen, and bishop of Winchester. This fortress was seized by Louis the Dauphin, and the rebellious barons, in 1216, and afterwards demolished by Henry III.; it was, however, soon after rebuilt. During the civil war it was garrisoned for the king, but in December, 1642, was taken by the parliamentary general, after an obstinate

siege. It was then demolished, but rebuilt after the restoration.

FAROE, or FEROE ISLANDS, a group situated in the Northern Ocean, formerly subject to Denmark. Christianity was introduced about 1000, and protestantism in the 16th century. About the year 1809, a German baron landed at Thors-havn, and plundered the inhabitants of every thing, till the British humanely interfered, and put a stop to these outrages, and took them under their protection, 1810.

FARQUHAR, GEORGE, dramatic writer, was born at Londonderry about 1677. In 1696, he came to London, obtained a lieutenant's commission through Lord Orrery, and sustained the military character a considerable time. His first effort as a writer was in 1698, a play, entitled "Love and a Bottle." The "Constant Couple, or a Trip to the Jubilee," was his next play, which was acted with great applause, and which has maintained its reputation to the present day. In 1703, he produced the "Inconstant, or the Way to Win Him;" and in 1706, the "Recruiting Officer." His last piece was entitled "The Beaux' Stratagem," which, though composed in six weeks, is reckoned the author's masterpiece. He died in 1707, aged 30.

FARRIERS' COMPANY, London, incorporated, 1673.

FARTHINGS coined in silver by Henry VIII., 1522; in copper by Charles II.

FASTING, or abstinence on religious accounts, has been practised by most nations from the remotest antiquity. It was early introduced into the christian church, though in the most ancient times we find no mention of any public and solemn fasts, except upon the anniversary of Christ's crucifixion, about 138.

FASTOLFF, SIR JOHN, a renowned general, during the English conquests in France under Henrys IV., V., and VI., born about the year 1377. In 1413, he had the castle and dominion of Veires, in Gascony, committed to his custody and defence. He was afterwards engaged in the famous battle of Agincourt. He died in 1459 or 1460. So highly was he venerated, that John Beauchamp, lord of Powyke, appointed by his will a chaunt especially for the soul of Sir John Fastolff.

FATIMITES, the descendants of Mahomet by Fatima, his daughter. This dynasty commenced in Africa, 908, ended

In Bengal, when out of a population of 30 millions, it is said that 10 millions perished!

in Egypt, 1171, when Saladin became master of that country, assumed the title of Sultan, and caused the spiritual authority of the caliphs of Bagdad to be recognised by his subjects.

FAUNTLEROY, HENRY, a London banker, hanged for forgery, November 30, 1824.

FAUST, or FAUSTUS, JOHN, a goldsmith at Mentz, celebrated on account of the share which he had in the invention of printing. The first work printed by him was entitled "Durandi Rationale divinorum officiorum," 1459. He died of the plague in 1466.

FAUX, GUIDO, vulgarly called Guy Faux, executed in Parliament-yard, for attempting to set the houses of parliament on fire, January 31, 1606.

FAVERSHAM, or FEVERSHAM, Kent, a place of high antiquity, was denominated the king's town, in 811, and the Saxon kings had a place here. King Stephen founded an abbey of Cluniac monks here in 1147, with considerable endowments. At the siege of Calais, in the time of Edward III., this town furnished two ships and 53 mariners. Henry VIII. granted it a charter in 1545. A manufacture of gunpowder was established here prior to the reign of Elizabeth, about 1760; the works were purchased by government. The most dreadful explosion that has occurred took place in April, 1781, by the blowing up of 7000 pounds of powder.

FAWKES, FRANCIS, translator of Anacreon, Sappho, Bion, Moschus, and Theocritus, died 1777.

FEJEE ISLANDS, South Pacific Ocean, were discovered by Tasman in 1643, when the most northern was called Prince William's Island. They were visited in 1794, by Captain Barber, and frequently since that time; particularly by Mr. Williams, the late missionary, about 1832, and described in his "Narrative," recently published.

FELONY comprises every species of crime which occasions at common law the forfeiture of lands or goods. In 1836, an Act passed (6 and 7 William IV. c. 114. August 20) for enabling persons indicted of felony to make their defence by counsel or attorney. In all cases of summary conviction persons accused shall be admitted to make their full answer and defence, and to have all witnesses examined and cross-examined by counsel or attorney. See **CRIMINAL LAW**.

FELT-MAKERS' COMPANY, London, incorporated 1604.

FENELON, FRANCIS DE SALIGNAC DE LA MOTTE, the celebrated archbishop of Cambray, was born in 1651, at Perigord, in France. He soon distinguished himself so much by his attainments, that he was permitted to preach in public at the age of 15; and, at the age of 24, entered into holy orders. He was recommended by Bossuet to Louis XIV., as a proper person to be employed in converting the sectaries of Poitou and Saintonage. His friend, the Duke de Beauvillers, having been in 1689 appointed by Louis XIV. governor to his grandson, the duke of Burgundy, nominated the Abbé de Fenelon preceptor to the young prince. His services were rewarded in 1695 with the splendid preferment of the archbishopric of Cambray, which included a dukedom.

Soon after, he wrote his "Maxims of the Saints," which was denounced as heretical immediately on its publication in 1697, and was the origin of a long series of persecutions against him, supported chiefly by Bossuet. About the same time appeared his "Telemachus," which was denounced to the jealous monarch, Louis XIV., as a satire on his reign. This work was written only for his pupil, the duke of Burgundy; but through the infidelity of a servant it became public, and he was dismissed from court. His banishment afforded an opportunity of displaying the virtues of his character as a christian pastor. In 1715 he was seized with an inflammation in his lungs, accompanied with continued fever, and he died January 7, aged 64. Besides his works already mentioned, the following are the principal:—"Treatise on the Education of a Daughter," in 1687; "Treatise on the Ministry of Pastors," 1688; "Pastoral Letters against the Jansenists," 1704; "Dialogues of the Dead," 1712; "Demonstration of the being of a God," 1713.

FENNING, ELIZA, whose case excited much curiosity from the supposition of her innocence, was executed before Newgate for poisoning the family with whom she lived servant, July 26, 1815.

FENTON, ELIJAH, an English poet, born at Shelton, near Newcastle, in Staffordshire. His tragedy of Mariamne was performed in 1723, with very great applause, and produced him £1000. He died in 1730.

FERDINAND V., king of Spain, called the Catholic. He married Isabella of Castile, by which that kingdom was united to the Spanish crown. This illustrious couple laid the foundation of the future glory and power of Spain. During their reign the Inquisition, that horrible engine of torture, was introduced into Spain. The conquest of Granada, and the discoveries of Christopher Columbus, make this reign a celebrated era in the Spanish history. Ferdinand died in 1516, aged 63.

FERDINAND VII., late king of Spain, born at San Lorenzo, October 14, 1784. At the age of six he was proclaimed prince of Asturias. The insurrection of Aranjuez, in which the prince took a share, forced Charles IV. to abdicate in his favour, when he was proclaimed king March 29, 1808. When Napoleon declared that the family of Bourbon had ceased to reign, and that the crown of Spain must adorn the brow of his brother Joseph, Ferdinand was exiled to Valençay, in Berri, about 1809, where he remained five years, leading an idle country gentleman's life.

In March, 1814, he left France again to return to the kingdom of his ancestors. Immediately after his entry into the capital he dissolved the Cortes, and annulled by various decrees all that they had done. At the same time he re-established the Inquisition, ordered the monks to return to their convents, proscribed all who had taken the oath of allegiance to Buonaparte or Joseph, and condemned to prison or to exile a great number of persons, many of whom had been deputies to the Cortes.

The liberal feeling in Spain, however, was not totally suppressed, and after much hesitation, he, on March 7, 1820, accepted the constitution of 1812, which a part of the troops destined for America had proclaimed in Cadiz at the beginning of January. In consequence of this change of politics, all persons who had been confined for political opinions were set at liberty, the Inquisition was abolished, the liberty of the press re-established, all the emigrants and partisans of Joseph permitted to return to Spain, the national militia organised, &c. &c. Again the opposite party predominated in his councils; and, assisted by the Bourbons of France, he dissolved the Cortes, and returned to his former despotism; yet as compared with the church,

and with his brother Carlos, affecting a sort of moderate policy. He was taken ill in July 1833, and died September 29 following.

Ferdinand married first, in 1802, his cousin Maria Antoinetta Theresa, daughter of Ferdinand IV., king of the Two Sicilies; she died childless, May 21, 1806, suddenly, and not without suspicion of poison. He married a second time, September 29, 1816, Isabella Maria Francesca, daughter of John VI., king of Portugal; she died December 26, 1818. He married thirdly, October 20, 1819, Maria Josepha Amelia, daughter of Prince Maximilian of Saxony, and niece to the king of Saxony. This queen died without issue, May 17, 1829. Ferdinand married fourthly, November 5, 1829, Maria Christina, daughter of Francis, late king of the Two Sicilies, by his own sister, Maria Isabella. By the last, who, in pursuance of his will became the Queen Regent of Spain, he left two daughters:—1. Maria Isabella Louisa, born October 10, 1830, proclaimed queen of Spain by the style of Isabella the Second. 2. Maria Louisa Ferdinanda, born January 30, 1832.

FERDUSI, the author of the Persian epic poem, "Shah Nameh," born 932, died 1020.

FERG, or **FERGUE**, Paul Francis, of Vienna, an eminent landscape painter, born 1639, died of want, 1740.

FERGUSON, **ADAM**, professor of moral philosophy in the university of Edinburgh, died Feb. 22, 1816.

FERGUSON, **ROBERT**, the Scottish poet, born 1750, died 1774.

FERGUSON, **JAMES**, a celebrated philosopher and astronomer, was born at Keith in Scotland, in 1710. He soon discovered a peculiar taste for mechanics, which first arose on seeing his father use a lever. Whilst he was servant to a farmer, who employed him to watch his sheep, he frequently contemplated the stars, and began the study of astronomy, by laying down, from his own observation only, a celestial globe. In 1754, he published, "A brief Description of the Solar System." In 1756, he published a larger work, entitled, "Astronomy explained upon Sir Isaac Newton's Principles, and made easy to those who have not studied Mathematics." In 1760, he published his "Lectures on Subjects in Mechanics, Hydrostatics, Pneumatics, and Optics, with the Use of the Globes,

the Art of Dialling, and the mean Times of new and full Moons and Eclipses." His "Plain Method of determining the Parallax of Venus by her Transit over the Sun, and thence, by Analogy, the Parallax and Distance of the Sun and all the rest of the Planets," first published in 1761, was annexed to the fourth edition of his Astronomy.

In 1763, Mr. Ferguson was elected a fellow of the Royal Society. His "Young Gentleman and Lady's Astronomy, familiarly explained in Ten Dialogues," was published in 1768. In 1775, appeared his last work, entitled, "The Art of Drawing in Perspective, made easy to those who have no previous Knowledge of the Mathematics." Having long struggled with the infirmities of a weak constitution, he died in 1776.

FERGUSON, ROBERT CUTLAR, her majesty's judge-advocate-general, and M.P. for the Stewartry of Kirkeudbright, born 1760, died Nov. 16, 1838, aged 70.

FERMOY, Ireland, encounter at, between the populace and military, July 20, 1828, where great numbers had assembled to celebrate the election of Mr. O'Connell. The armed police fired on the mob: four persons were wounded, one mortally.

FERNANDEZ. See **JUAN FERNANDEZ**.

FERNANDO PO, island, Western Africa, off the coast of Biafra, in the Bight of Benin, derived its name from a navigator in the service of Alphonso V., of Portugal, named Fernoo do Po, who discovered it in 1472, and called it Formosa, or Beautiful Island. Portugal, after having previously abandoned it, ceded it, in 1778, to Spain; but the Spanish settlers nearly all perished. An attempt was made by a Mr. Robertson, in 1819, to colonize it, but, owing to untoward circumstances, the design miscarried. Till lately it was occupied only by a lawless race, composed of slaves or malefactors escaped from the neighbouring coast; but the British government, upon the disappointment experienced in regard to Sierra Leone, formed, in 1827, a settlement on this island. Lander, the African traveller, died at this place, of a wound he had received, in 1834.

FERNS, Ireland. A diocesan school was founded here in the 12th of Elizabeth. The see is supposed to have been founded in 599, by Maidoc, the friend of

St. David; it included all the county of Wexford and part of the county of Wicklow, and has lately been united with the diocese of Ossory, as it was formerly with that of Leighlin. Ferns was at one time the residence of the kings of Leinster, and the ruins of the palace of M'Murchard, who, in 1166, fired the town, are still visible.

FEROE ISLES. See **FAROE ISLES**.

FERRAR, bishop of St. David's, burnt to death at Caermarthen, 1555.

FERRARA, city and legation, south of Italy, States of the Church, formerly a duchy under the ancient house of D'Este, having a population of 80,000 inhabitants, and the most splendid and refined court of Italy. It is now, comparatively, forsaken. Ferrara was taken by the French in 1796, and retaken by the Austrians in 1799, but shortly afterwards again surrendered to the French. The French army, under Murat, was defeated here, in April, 1815, by the Austrians, under General Mohr and Count Neipperg.

FERRARS, GEORGE, English poet and historian, born 1510, died 1579.

FERRERS, LAWRENCE, EARL OF, committed to the Tower for murdering his steward, Feb. 13, 1760; tried and condemned, April 18; hanged at Tyburn, May 5.

FERRI, CIRO, an eminent painter, born at Rome 1634, died 1689.

FERRIARS, DR., critic and medical writer, author of "The Theory of Apparitions," born 1764, died 1815.

FERROL, town of Spain, the great rendezvous of the Spanish navy, surrendered to the French, Jan. 26, 1809.

FERRY-BOAT upset in attempting to cross the Menai Strait, between Anglesea and Caernarvon, when 50 persons perished, Dec. 4, 1785.

FERSEN, COUNT, murdered by the Swedish populace, June 20, 1810.

FESCH, JOSEPH, senior Priest Cardinal of the Sacred College, and archbishop of Lyons, brother, by his mother's side, of Letitia Ramolini, the mother of the Emperor Napoleon, born at Ajaccio, in Corsica, Jan. 3, 1763. He was educated as a priest, but becoming a zealous partisan of the French revolution, he threw off the clerical dress, and in 1796, he was commissary general in the army of Italy, commanded by his nephew Napoleon Buonaparte. He afterwards resumed the clerical profession

and was appointed archbishop of Lyons ; he received, in 1803, a cardinal's hat, and was soon afterwards sent ambassador from France to Rome. In 1805, he was appointed grand almoner of France and principal officer of the legion of honour ; but by opposing the schemes of Buonaparte, he afterwards fell into disgrace at court, and retired to his see in Lyons, where he lived in great splendour. When Buonaparte made his escape from Elba, the cardinal followed him to Paris ; but his abode there was short. He again returned to Rome, where he afterwards resided in the enjoyment of immense wealth, and one of the finest galleries of pictures in that city. He died May 13, 1839. His funeral was attended by many cardinals, and upwards of 100 archbishops and bishops.

FESTIVAL OF THE JEWS. The principal, being the feast of the Tabernacles, is celebrated by the Jews to this day : it was instituted by Moses in the wilderness, A.C. 1490, but was celebrated with the greatest magnificence for 14 days, upon the dedication of the temple of Solomon, A.C. 1005. They carried boughs loaded with fruit in the procession.

FESTIVALS OF THE CHRISTIAN CHURCH. Christmas, Easter, Ascension, and the Pentecost or Whitsuntide, introduced during the first and second centuries. Rogation days appointed, 469. Jubilees in the Romish church, instituted by Pope Boniface VIII., 1300. At first they were observed every hundred years ; but future popes reduced them to fifty, and then to every period of twenty-five years.

FEUDAL SYSTEM, which about 12 centuries ago was universally received in Europe, derived its origin from the military policy of the Goths, Vandals, Franks, Huns, and Lombards, which overran all the European countries, on the declension of the Roman empire. The victorious general allotted considerable tracts of land to his principal officers, named feoda, fiefs, fees, or feuds, on condition that the possessors should faithfully serve the person from whom they were received, both at home and abroad, in the military way. This system was introduced into England by the Saxons about 600. The slavery of this tenure increased under William I., 1070. This was owing to dividing the kingdom into baronies, giving them to certain persons, and requiring those persons to furnish the king with money, and a

stated number of soldiers. It was discountenanced in France by Louis XI. about 1470 ; restored and limited in England by Henry VII., 1495 ; abolished by statute, 12 Charles II., 1662.

FEZ, city, North Africa, capital of Fez, composed of three towns called Beleyde, Old Fez, and New Fez. Old Fez was founded in 793, by Sidy Edris, a descendant of Mahomet, and Ali, whose father fled from Medina, to avoid the proscriptions of the caliph Abdallah. It soon became a large city, and was esteemed sacred, so that when the road to Mecca was shut up in the fourth century of the Hegira, the western Mahommedans made pilgrimage to Fez, and the eastern to Jerusalem. It was also famous as a school of learning when knowledge was almost exclusively possessed by the Saracens.

FIELDING, HENRY, a celebrated dramatic writer and novelist, was born at Sharpham, near Glastonbury, Somersetshire, April 22, 1707. His first dramatic piece, "Love in several Masques," appeared in 1727, and was well received ; and all his plays and farces, to the amount of 18, were written before the year 1737. Being reduced to poverty soon after the rebellion in 1745, he accepted the office of acting justice for Middlesex, an employment much more profitable than honourable in the public esteem. He died in 1754, in his 48th year. He wrote many fugitive pamphlets, and was the editor of several papers, particularly the True Patriot, and the Jacobite Journal ; but he is chiefly admired for his "Joseph Andrews," published in 1742 ; and his "Tom Jones," about 1749.

FIELDING, SIR JOHN, an eminent London magistrate, died Sept. 6th, 1780.

FIESCHI, an assassin, fired an instrument called "an infernal machine," at Louis-Phillipe, the French king, July 28, 1835, as he was riding along the lines of the national guard, on the Boulevard du Temple. The king and his sons escaped ; but Marshal Mortier (duke of Treviso) was shot dead. The trial of Fieschi and his accomplices commenced before the chamber of peers, at Paris, Jan. 30 ; it lasted two weeks ; the prisoners received their sentence Feb. 15. Three of them were guillotined on the 19th ; a fourth was condemned to 20 years' imprisonment.

FIGUERAS, a town of Spain. An

impregnable castle at this place was put into the hands of the French in 1808; surprised by the Spaniards in 1811, but again given up to the French in the same year, and remained in their possession until 1814.

FILANGIERI, GAETAU, author of "The Science of Legislation," &c., born at Naples 1751, died 1799.

FILE-CUTTING, ERICUSSON'S MACHINE FOR, patented about 1836; but then deemed impracticable. Improved in 1839; turned out files of a superior and more regular cut than the average of those made by hand, and in much greater number in the same time. The principal beauty of the machine consists in the simplicity of its movements, and the skilful application of the principles of mechanics in modifying the stroke according to the varying thickness of the steel; striking lightly at the point, and increasing in strength as the thicker parts of the file come under its action.

FINALE, a town of Sardinia, formerly the capital of a marquisate, and annexed to the duchy of Milan in 1602, but sold to the Genoese in 1713. It was taken by the Sardinians, but restored in 1748. It has been repeatedly the scene of military operations, especially in April, 1796, and at the time of the temporary success of the Austrian arms in 1800.

FINCH-DALE, township in England, was a place of importance in the Saxon era: a synod was held here, according to Leland, in 792, and again in 810.

FINES AND RECOVERIES. The frivolous and absurd formalities of fines and recoveries for barring entails, abolished, 1833.

FINET, SIR JOHN, English wit, born 1571, died 1641.

FINGAL, the celebrated hero of the poems of Ossian, was king of Morven, in ancient Caledonia. He is supposed to have flourished in the third century, and, according to the Irish histories, died in 283. He was the son of Comhal, the grandson of Truthal, and the great grandson of Trenmor, all Caledonian princes of great military reputation, during the severe struggles the Celtic tribes held with the invaders of Britain. See **OSSIAN**.

FINLAND, principality, Russian empire, formerly belonged to Sweden, but by the peace of Abo, in 1743, Sweden was compelled to cede a part; in 1721 another portion was yielded; and, finally,

the remainder in 1809. The grand principality of Finland was erected August 6, in the same year. Since 1826, the affairs of Finland have been managed at St. Petersburg by a separate department of the state.

FINSBURY DISTRICT, London, erected into a borough, 1832.

FIREBARS, MILLER'S PATENT, introduced 1839, suited not only to the common steam-engine furnaces, but can with equal facility be applied to the furnaces of marine engines, and the locomotive engines of railways, &c. The principle of the invention consists in moving each alternate bar longitudinally in one direction, whilst the intermediate bars are moved in the opposite one. This movement, aided by the channelled surface of the bars, breaks up the clinkers the instant they are formed, or prevents their formation, and thus keeps the air-way perfectly free.

FIRE-DAMP, an explosion of a very dangerous nature to which coal-mines are subject. See **COAL-MINE ACCIDENTS**.

1839. It is well known that fire-damp explodes on ignition by an electric spark; and on this principle it has been recently proposed, that an experiment be made with apparatus, consisting of Professor Daniell's voltaic battery and electrical wires, for the purpose of firing the gallery of a mine charged with an explosive mixture. By means of this ingenious and scientific contrivance, an explosion of fire-damp can, at all times, be effected with perfect safety. This formidable and treacherous enemy will thus be effectually and instantaneously annihilated, that otherwise could be but slowly, partially, and progressively consumed; combined with the advantage, that the health of the miners will cease to be impaired from respiration in a foul atmosphere.

FIRE-ENGINES invented, 1663; improved as now used, or nearly so, 1752.

1839. Mr. Merryweather constructed for the Liverpool fire-police a large engine, which is equal in power to the combined force of two London engines, each having two working barrels seven inches in diameter, with an eight-inch stroke. In an experiment in Hyde-park, with nose-pipes, one 1-8 inch, and one 1-16 inch in diameter, two jets of water have been thrown to a nearly perpendicular height of 80 feet.

FIRESHIP, in naval warfare, a vessel charged with combustible materials of various kinds, for the purpose of setting

fire to the ships of the enemy. Livy informs us, that vessels of this kind were employed by the Rhodians as early as A. C. 190. In England the use of fire-ships originated in the Spanish invasion, in the time of Elizabeth, in 1588; when the English, under Sir F. Drake, sent a number of ships, charged with burning combustibles, into the midst of the Spanish armada.

FIRES. In 1838, Mr. Rawson read to the British Association an interesting report on these calamities, whence the following facts are extracted:—The total number of alarms attended by the London fire engine establishments, during the five years, from 1833 to the end of 1837, was 3359, or 672 on the yearly average: of these, 343, or 68 per annum, were false alarms, and 540 or 108 per annum, were fires in chimneys. Thus, the number of alarms was 13 per week, and of actual fires four in every three days. Of the 2476 fires, the premises were wholly consumed in 145 instances; seriously damaged in 632; and slightly damaged in 1699. It was observed, that the number of fatal fires had greatly increased. The winter months do not exhibit so large a preponderance of fires as might be expected. December presents the largest average, but the next in order is May. The number of wilful fires in the five years was 31, or six per annum, which is as one in 64 to the number of fires of which the causes were discovered. The total number of fires in the metropolis, in the year 1837, was 501; alarms from fires in chimneys, 127; false alarms, 89; making the number of calls, 717. The great excess of fires in the southern counties of England over the midland counties, was attributed by Sir Charles Lemon and Mr. Felkin to the use of thatched roofs. Newcastle, notwithstanding the vast consumption of coal in the town, is remarkably free from fires of dangerous magnitude: and it was suggested whether, as the greater number of fires occurred in London about 11 o'clock at night, the practice of raking out the fire at bed-time, which is not done at Newcastle where coals are cheap, might not have some connection with these conflagrations.

The following are the most remarkable fires on record in the world, exclusive of London:—

A. D. 80. At Rome, which destroyed the Capitol, Pantheon, &c.

182. At Alexandria, which destroyed the temple of Serapis.

191. At Rome: great part of the city, with the palace, the temple of Vesta, &c., destroyed.

247. Another, which destroyed Pompey's theatre.

260. At Ephesus, the temple of Diana destroyed.

307. The greater part of Rome consumed.

362. The temple of Apollo, at Delphi destroyed.

433, 461, 476, 509. At Constantinople: great part of the city consumed.

525. The city of Antioch consumed.

588. Paris destroyed.

1613. At Osnabruck, Magdeburgh, and Gnesna.

1729, and following years, at Constantinople. See CONSTANTINOPLE.

1808. At Dantzic and Port Espagne.

1810. Near Paris, during the Austrian ambassador's fête. A forest burnt in India.

1824. A great one at Edinburgh, November 15 and 16.

1827. Abo, the capital of Finland, destroyed.

1834. Incendiary fires in various parts of the kingdom, particularly in the eastern counties.

1834. One at Forfarshire in Scotland, Jan. 31.

1835. At Constantinople, Sept. 6.

1835. At Canton, which destroyed above 3000 houses, Nov. 22.

1835. At New York, United States, which raged over 54 acres of ground, destroyed 674 houses, and property to the amount of 20,000,000 of dollars, Dec. 17.

1836. Glynnllivon, the noble mansion of Lord Newborough, Wales, destroyed. By an early hour in the morning, the stately pile was completely gutted, and nothing left but the bare and blackened walls, Feb. 10.

1837. Dreadful conflagration in India, July 17, which destroyed three-fourths of Surat, (comprising from 5000 to 6000 houses) above 500 lives, and an immense quantity of property. It raged with terrific fierceness till midnight, when it burned itself out, and left Surat one vast extended heap of ruins.

1837. At the imperial winter palace of St. Petersburg. It first appeared in the hall of Peter the Great. This vast palace, one of the largest in Europe, which accommodated 12,000 persons

within its walls, was almost totally destroyed, Dec. 29.

1838. At Paris, the Italian opera-house burnt down. M. Severini, the acting manager, and five firemen perished.

1840. At Devonport dock-yard, September 27. The *Talavera*, 72 guns, and the *Imogene*, 28, which were in dock—the *Adelaide* gallery, and sheds containing prepared timber—800 deck deals, a considerable quantity of the most valuable compass timber—and nearly all the timber of the *Malta* 74, a ship lately broken up, were destroyed. The amount of damage was estimated at £150,000. October 3 following, an attempt to fire the dock-yard at Sheerness, gave countenance to the suspicion that the fire at Devonport was not accidental. It broke out on board the *Camperdown*, in one of the lockers of the midshipmen's berth. It was extinguished without much damage; but there was resin and other combustible materials immediately over the locker between the beams, which proved it to be the work of an incendiary.

1840. At Manchester, of premises in Peter-street, and property to a considerable amount consumed, October 15. Another, near the Exchange, so extensive as has not taken place before, within the memory of the living inhabitants, October 17.

The following are the most remarkable fires in London on record:—

982. One which destroyed great part of the city.

1212. On London Bridge, which destroyed 2000 persons, July 10.

1484. One at Leadenhall.

1540. Westminster palace burnt.

1666. "The Great Fire," that burnt down 13,200 houses, the city gates, Guildhall, &c., 89 churches, amongst which was St. Paul's cathedral, and 400 streets; the ruins of the city extended over 436 acres, reaching from the Tower to the Temple church, and from the north-east gate to Holborn-bridge, and Fleet ditch; it broke out near the Monument, at the house of the king's baker, (Faryners) Pudding-lane, and stopped at Pye corner, near the Temple, burning four days and nights, Sept. 2.

1671. Drury-lane play-house, and 60 houses were burnt in January.

1676. In Southwark, 600 houses.

1690. Whitehall palace burnt in part, April.

1698. Whitehall palace totally consumed, Jan. 5.

1716. 150 houses were burnt down in Nightingale-lane, Wapping, Dec. 4.

1718. Custom-house burnt.

1776. The Savoy burnt to its foundation, March 2.

1779. Greenwich Hospital, Jan. 2.

1779. London-bridge water-works, Oct. 31.

1789. The Opera-house in the Haymarket, June 17.

1791. The Albion mills destroyed, March 2.

1791. From Cherry-garden-stairs to West-lane, Rotherhithe, destroyed, and several vessels, with 60 houses, Sept. 14.

1791. At a sugar-house, Wellclose-square, &c., where £30,000 damage was done, Dec. 12.

1792. The Pantheon, in Oxford-street, burnt, Jan. 14.

1794. At Wapping, where upwards of 630 houses were destroyed, together with an East India warehouse, in which 35,000 bags of saltpetre were destroyed: the whole loss was estimated at above £1,000,000 sterling; there was £40,000 worth of sugar in one sugar-house: the whole was said to have been the most dreadful accident of the kind since the fire of London in 1666. Sept. 22 and 23.

1794. At Astley's theatre, near Westminster-bridge, which destroyed to the value of near £30,000, together with 19 other houses.

1795. The elegant church of St. Paul's Covent-garden, was burnt down by the carelessness of workmen employed in its repairs, Sept. 17.

1797. The water-works at Shadwell, which conveyed water from the Tower to Limehouse, and raised 903 gallons in a minute, were burnt down in one hour and a half, Dec. 12.

1799. The King's-bench prison had 50 apartments destroyed by an accidental fire, July 14.

1800. Near the Custom-house, three large warehouses of West India goods, valued at £300,000 destroyed, Feb. 11.

1800. At Wapping, where 30 houses, besides warehouses, value £80,000 were burnt, and many lives lost; it extended from New-stairs to Execution-dock, Oct. 6.

1803. The great tower over the choir of Westminster-abbey destroyed, July 9.

1808. Covent-garden theatre totally destroyed by fire, Sept. 20.

1809. The south-east wing of St. James's palace burnt down, Jan. 21.

1809. Drury-lane theatre completely destroyed, Feb. 24.

1813. At the Commercial-hall, Skinner-street, which was entirely consumed, April 4.

1814. At the Custom-house, Thames-street, by which the whole range of buildings and many other houses were destroyed, Feb. 12.

1815. Part of the works belonging to the Gas Company, in Dorset-street, destroyed, May 24.

1815. At the Mint, by which the eastern and southern wings of the building were unroofed, and the interior, containing the machinery, destroyed, Oct. 31.

1816. At the Stock Exchange Coffee-house, which was entirely destroyed, as were several adjoining counting-houses, April 23.

1829. Royal Bazaar, and Diorama, Oxford-street, consumed, May 27.

1834. The two houses of Parliament burnt down. See PARLIAMENT, HOUSES OF.

1835. Mill-bank Penitentiary partly burnt October 2.

1836. Destructive one in Bond-street, and Burlington Arcade, extending to Western Exchange. The loss of property was immense. Scarcely any of the valuable articles belonging to the unfortunate individuals occupying the stands in the Western Exchange was saved. April 26.

1837. Most destructive fire at Davis's Wharf, on the Thames, nearly opposite the Tower. Destroyed three vessels; the damage estimated at from £120,000 to £150,000. Dec. 28.

1838. The Royal Exchange burnt down January 10. See ROYAL EXCHANGE.

1840. Fire in Wapping, which broke out at St. Andrew's Wharf, High-street, on Tuesday morning, June 16, attended with more destructive consequences than any conflagration in the metropolis, since the burning of the Royal Exchange. The property destroyed was immense, and consisted of sails, ship stores, masts, provisions, and merchandize of various descriptions. Besides the Globe Tavern, there were five wharfs, and nine houses adjoining, and the opposite side of the street destroyed. The loss was estimated at £40,000.

FIRES IN CHIMNEYS PREVENTED.

The principle of Davy's safety-lamp has been successfully applied to prevent fires in chimneys, by M. Maratueh, in France, 1839. He found by experiments, that, if three frames of wire-work are placed near the base of the chimney, one above the other, about one foot apart, no flame will pass through them, whilst the draught of the chimney will not be impaired, and consequently, no fire can ever happen in the chimney. As most of the soot lodges on the uppermost wire, but little on the second, and none on the third, he suggests that with a brush applied once a day, to the lowest, or two lowermost, the chimney will never want sweeping.

FIRMIN, THOMAS, the patriotic citizen of London, died in 1697.

FIRST FRUITS, the profits of a benefice for the first year after avoidance. The first fruits were formerly estimated according to a rate made under the direction of pope Innocent IV., in 38 Hen. III., and afterwards advanced in value by commission from Pope Nicholas III., 1292, 20 Edward I. These usurpations were first introduced during the reigns of kings John and Henry III., in the see of Norwich, and afterwards attempted to be made universal, by the popes Clement V. and John XXII. about the beginning of the 14th century. This revenue was annexed to the crown by 26 Henry VIII. c. 3; confirmed by 1 Eliz. c. 4. Queen Anne granted her royal charter, confirmed by statute 2 Anne c. 11, whereby the whole revenue of first fruits and tenths was vested in trustees for ever, to form a perpetual fund for the augmentation of poor livings, usually called Queen Anne's bounty.

1838. 1 Vict. c. 20. April 11, abolishes the office of remembrancer, collectors, &c., and places the first fruits under the management of the governors and treasurer of Queen Anne's bounty.

1840. In March, a bill was brought into the House of Commons to the effect, "That it is expedient to abolish the first fruits and tenths of the clergy, after the next avoidance; and in lieu thereof, to levy an assessment of one-tenth part of the clear annual value upon all bishoprics, benefices, &c., above the clear yearly value of £300." It was lost by a majority of eight.

FISCHET, WILLIAM, the restorer of the purity of the Latin tongue in Europe died 1646,

FISH, SHOWER OF, happened on May 17, 1834, in the neighbourhood of Allahabad. About noon, a blast of wind which changed the atmosphere to a reddish yellow hue, came on. When the storm had passed over, the ground, south of the village, to the extent of two bigahs, was strewed with fish, in number no less than 3000 or 4000, of the Chalwa species, a span or less in length. When found they were all dead and dry. Chalwa fish are found in the tanks and rivers in the neighbourhood. The nearest tank in which there was water, was about half a mile south of the village.

FISHER, JOHN, bishop of Rochester, was born at Beverley, in Yorkshire, in 1459. In 1474 he was sent to Cambridge, and was appointed one of the proctors of the university in 1495. In 1501, he took the degree of doctor of divinity, the same year was elected chancellor of the university, and in 1504, consecrated bishop of Rochester. On the promulgation of Martin Luther's doctrine, the bishop was the first to enter the lists against him. On this occasion he exerted all his influence, and is generally supposed to have written the book by which Henry VIII. obtained the title of Defender of the Faith.

1534. The parliament found him guilty of misprision of treason, for concealing certain prophetic speeches of a fanatical impostor, called the Holy Maid of Kent. He was, on this ground, attainted by the parliament, and committed to the Tower, where he was cruelly treated. The king sent Rich, the solicitor-general, to obtain from him his opinion with regard to the supremacy. The bishop gave an unreserved decision on the subject, which the solicitor carried to his master; the consequence was, that a special commission was immediately issued for trying him for high treason. He was condemned by the court, and beheaded on Tower-hill, June 22, 1534, in his 76th year.

FISHERMEN'S COMPANY, London, incorporated 1709.

FISHERIES. The situation of the British coasts is the most advantageous in the world for catching fish. Great encouragement was given to the establishment of fisheries by James I. and Charles I., particularly in the Hebrides, but the hopes of the adventurers were frustrated by the civil wars. In 1661, Charles II., the duke of York, and others, resumed

the business of the fisheries, a company was formed, and the king embarked considerable sums in the undertaking. In 1677, a new royal company was established in England, at the head of which was the duke of York, the earl of Derby, &c.; but an unforeseen event ruined the whole design. In 1750, an incorporated society was formed for 21 years. But the Dutch, who had hitherto monopolized the British markets, still maintained their ground. Since this period, various acts of parliament have been passed, and different societies formed; but notwithstanding the advantages which our island possesses, our fisheries (except that for whales, which has been carried on exclusively by this country) have continued on the decline for several years past. See **WHALE FISHERIES**.

There has been, latterly, a growing complaint of a scarcity of such fish as breed in the Channel; and it is affirmed, in the report of the commons' committee of 1833, on the Channel fisheries, that the fact of such scarcity existing has been completely established.

FISHGUARD, town of Pembroke-shire, South Wales. A detachment of French troops that made a descent at this place, in 1797, were taken prisoners by Lord Cawdor.

FISHING TOWNS, legally regulated, 1542.

FISHMONGERS' COMPANY, London, incorporated, 1536.

FISHMONGERS' HALL, pulled down at the building of new London-bridge, 1831, new building completed, 1836. It occupies one of the finest situations in the city, standing at the southwest angle of the north approach to the new London-bridge, towards which it presents an elevation upwards of 160 feet in length. The great banqueting-hall occupies the centre of the east-front of the building, and is 73 feet in length; 38 feet in width, and 33 feet in height. The arms of the city and of the 12 principal companies, are emblazoned on the front of the Music Gallery.

FITZGERALD, WILLIAM THOMAS, one of the vice-presidents of the literary fund, author of "Nelson's Triumph, or the Battle of the Nile," &c., died July 9, 1829.

FITZGERALD, LORD EDWARD, executed as a rebel under martial law, in Dublin, May, 1798.

FITZHERBERT, SIR ANTHONY,

an eminent English judge, and author of a work on husbandry, died in 1538.

FITZHERBERT, MRS. MARIA ANNE, born July 26, 1756, the youngest daughter of Walter Smythe, of Bambridge in Hampshire: first married in 1775, to Edward Weld, esq., of Lulworth-castle, Dorset, who died without issue the same year; secondly, to Thomas Fitzherbert, Esq., of Norbury, Derby, who also died without issue at Nice, May 7, 1781. Shortly after, her beauty and fascinating manners attracted the particular admiration of the prince of Wales; and after having, for some time, received his assiduous attentions, she consented to a nuptial union with his royal highness, according to the forms of her own (the Roman Catholic) church. This fact has been disputed, but it was alluded to during a debate which took place in the house of commons in 1787, relative to the prince's pecuniary difficulties. She died at her house at Brighton, March 27, 1837, aged 80. In disposition, Mrs. Fitzherbert was frank, generous, indulgent, and hospitable, and she retained in advanced age, the warmth, the enthusiasm, the freshness, and disinterested feelings of youth.

FITZPATRICK, RICHARD, a general in the army, and writer of several humorous political poems, died April 25, 1813.

FITZWILLIAM, WILLIAM WENTWORTH, EARL, a privy councillor, high steward of Hull, custos rotulorum of the soke of Peterborough, recorder of Higham Ferrers, &c., was born May 30, 1748, and was the elder son of John, the second earl, by lady Anne Wentworth, eldest daughter of Thomas, first marquis of Rockingham. He was only in his ninth year at the death of his father, August 10, 1756. At an early age he was sent to Eton; removed to King's College, Cambridge; and he afterwards travelled abroad. The degree of D.C.L. was conferred upon him at Oxford, July 3, 1793.

In 1769 he took his seat in the house of peers. Having enrolled himself among the opponents of Lord North's administration, he persevered throughout the American war in resisting the continuance of that contest. On the recovery of King George III., in 1789, the royal family paid a visit to him at Wentworth House. A very magnificent fête was celebrated on this occasion, September 2, at which it was supposed that

40,000 persons were entertained. In 1794 Earl Fitzwilliam accepted the office of president of the council. In 1795 he was appointed lord lieutenant of Ireland, in consequence of the countenance given by him to the claims of the catholics. When the death of Mr. Pitt occasioned a new ministerial change in 1806, Earl Fitzwilliam returned to the seat of president of the council, which he retained until the fall of the Grenville administration in the following year. He afterwards gradually retired from public life, and in 1819 he was removed from the lieutenancy of the West Riding of Yorkshire, in consequence of the part he took at a public meeting where resolutions were passed condemning the conduct of the yeomanry in dispersing the celebrated Manchester meeting. He died February 8, 1833, at Milton House, near Peterborough, in his 85th year. His funeral took place at Masholm church, Northamptonshire, on Sunday Feb. 24.

FIUME, capital of the Hungarian Littorale. From 1809 until 1813 Fiume was in the possession of France, and formed part of the Illyrian provinces, but was recovered at the latter period by an Austrian and British force.

FIVE-MILE-ACT passed October 4, 1665. This act obliged nonconformist teachers, who refused to take the non-resistance oath, not to come within five miles of any corporation where they had preached since the act of oblivion, unless they were travelling, under the penalty of £50.

FLAMMEL, NICHOLAS, an impudent alchemist of the 14th century, who, by pretending to convert mercury into gold and silver, and to be in possession of the art of prolonging life, contrived to amass so large a sum of money, that he expended between £200,000 and £300,000 in building three churches, and endowing 14 hospitals.

FLAMSTEAD, or FLAMSTEED, JOHN, a celebrated British astronomer, was born at Derby in 1646, and educated at the free school of Derby, where he was head scholar at 14 years of age. In 1669 he calculated an eclipse of the sun, which had been omitted in the Ephemeris for the following year, and sent it to the Royal Society. In 1670 he went to London, where he was introduced to Sir Jonas Moore, who afterwards became his warm friend and patron. In 1673 he composed a treatise on the true and

apparent diameters of the planets when at their greatest and least distance from the earth, which Newton made use of in his *Principia* in 1685. He published an *Ephemeris* in 1674, in which he exposed the folly and absurdity of astrology.

In 1675 the foundation stone of the royal observatory at Greenwich was laid, which received the name of Flamstead House, in honour of him as the first astronomer royal. Several years afterwards his "*Doctrine of the Sphere*" was published by Sir Jonas Moore in his "*System of the Mathematics*." He spent the remainder of his life in prosecuting his labours in the improvement of astronomy with unwearied exertion and activity, and died in 1719, at the age of 73. His most celebrated work is his "*Historia Cœlestis Britannica*," in three volumes, folio.

FLANDERS, an ancient country of Europe, formerly divided into French, Austrian, and Dutch Flanders. This whole district was overrun by the French in the early part of the war which commenced in 1793, and confirmed to them by the peace of Campo Formio in 1797. Dutch and Austrian Flanders were, at the general peace in 1814, ceded to the kingdom of the Netherlands, and are now comprised in the kingdom of Holland, under the names of East and West Flanders.

FLAVEL, JOHN, an eminent non-conformist divine, was born in Worcestershire about 1627, and educated at University College, Oxford. In 1656 he became minister of a very populous parish at Dartmouth. In 1662 he was among the number of ejected ministers for refusing the terms proposed by act of parliament. At the passing of the Oxford act in 1665, he was obliged to retire to Slapton, a village five miles from Dartmouth. After various wanderings, in 1685 he came to London to avoid falling into the hands of the mob. He died at Exeter in 1691, in the 64th year of his age. Among his works the most famous are his "*Navigation Spiritualized*," and his "*Husbandry Spiritualized*," printed after his death.

FLAX, NEW AMERICAN MACHINERY FOR DRESSING, recently invented in the United States for the preparation of flax for spinning, after the manner in which cotton is now spun. A large company, in Delaware, is now engaged in the manufacture of the "short staple"

produced by the new invention. The advantages alleged are these:—1. That there is no loss of fibre, as no tow is to be taken out, all the lint being used up; whereas, by the old plan of hackling, finger-spinning, &c., there was a loss of perhaps half the original weight. 2. That the expense of labour on the whole process of cloth making is reduced to one-tenth of what it was. 3. That the expense of bleaching on the flax, as now, is much less than in the old plan, and the process less injurious to the texture. —Athenæum, 1840.

FLAXLEY ABBEY, built in the reign of Henry I., 1110; totally destroyed by fire, damage estimated at £7000, April 1, 1777.

FLAXMAN, JOHN, an eminent English sculptor, born at York, 1755, died 1826.

FLAXMAN, ANNE, wife of the sculptor, and an accomplished classical scholar, died February 6, 1820.

FLECHIER, ESPRIT, a French prelate, one of the most celebrated preachers of his age, was born at Perne, in Avignon, in 1632. He was chosen one of the 40 members of the French Academy in 1673; and, in 1679, published his *History of the Emperor Theodosius the Great*. In 1685 Flechier was nominated by Louis XIV. to the bishopric of Lorraine. He died in 1710. He was author of many valuable works, which, in the year 1782, were collected and published at Nismes, in 10 volumes octavo.

FLECKNOE, RICHARD, an English dramatist, flourished 1664.

FLEET MARKET, OLD, opened September 30, 1737; obelisk erected 1775; a new market opened June 7, 1780. The corporation of London were authorised by an act of parliament, passed in 1824, to remove the late market, and to provide for a new one at a short distance, which was opened for the commencement of business November 20, 1829.

FLEET PRISON burnt by the rioters, June 7, 1780.

FLEETWOOD, WILLIAM, bishop of St. Asaph, antiquarian, died 1723.

FLETCHER, JAMES, author of the *History of Poland*, died February 2, 1832, aged 21.

FLETCHER, JOHN, dramatic writer, born 1576, died 1625.

FLETCHERS' COMPANY, London, incorporated 1526.

FLEURIEU, CHARLES PIERRE

CLARET DE, born July 2, 1738, died August 13, 1810.

FLEURY, CARDINAL, prime minister of France in the reigns of Louis XIV. and XV., was born in 1653, made bishop of Frejus in 1698, died 1743, aged 90.

FLEURY, CLAUDE, a French writer, born 1640, died 1723.

FLINT CASTLE, north Wales, begun in 1185, by Henry II.; perfected by Edward I.; granted by Richard II. to Percy, earl of Northumberland, and within its walls King Richard was betrayed by Percy into the hands of Bolingbroke. During Cromwell's usurpation it was garrisoned by King Charles, but surrendered to the parliamentary forces. The ruins are still considerable.

FLODDEN FIELD, Northumberland. In September 1513 a sanguinary battle was fought near this place between the Scotch and the English, in which the former were routed, James IV., their king, slain, with many of his nobles, and 10,000 men.

FLOGGING, MILITARY. This subject has been several times brought before parliament by Mr. Hume. Among others on March 25, 1824, in 1827, and in 1833. On the latter occasion Mr. Hume reminded ministers that many of themselves and their adherents were bound, by previous votes, to support him. After the usual arguments on both sides his motion was lost by only 11 votes; there being 140 for it, and 151 against it.

1835. An inquest was held at the marine barracks, Woolwich, on the body of Thomas Ramsby, a private in the royal marines, who died after being flogged. The sentence was 150 lashes, part only of which was executed. The jury returned the following verdict: "That Thomas Ramsby came by his death in consequence of a locked jaw, arising from the punishment he received in pursuance of the sentence of a court martial upon him." See ARMY PUNISHMENTS.

FLOOD, SIR FREDERICK, the distinguished Irish orator, died 1834.

FLOODS. See INUNDATIONS.

FLOOR of an apartment at Clermont Farrand, France, gave way during a theatrical entertainment, when 36 persons were killed, and 57 had their limbs broken, or were severely wounded, December, 1791.

FLORENCE, the capital of the grand duchy of Tuscany, was founded by the

soldiers of Sylla about A.C. 80; enlarged and embellished by the triumvirate; destroyed by Totila; and rebuilt by Charlemagne, in the 9th century. In the middle ages Florence rose to a degree of wealth and power which placed her far above all the neighbouring states, and which, principally through the influence of the Medici family in the 15th century, enabled her to render them her tributaries. The most celebrated buildings are the Palazzo Pitti, purchased by the family of the Medici, containing the Venus de Medici, the two wrestlers, the young Apollo, Amor and Psyche, &c. These treasures were plundered by the French in 1800, and carried to Paris; but many were restored at the general peace in 1815.

FLORIDA, territory in the United States. The name was given to this region by Juan Ponce de Leon, the Spanish discoverer, from Pasqua Florida, or Palm Sunday, in 1512, and for a long time the name was general for the Atlantic coast of North America. Carolina was formerly included in it.

This colony was almost extirpated by the Spaniards in 1564; after many vicissitudes it remained in the hands of the Spaniards until 1763, when it was ceded to the British, who divided it into the east and west provinces. In 1781, the Spanish governor, Don Galvez conquered West Florida, and by the treaty of Paris, 1783, the whole of both Floridas was restored by Great Britain to Spain. In 1810, a revolution took place in West Florida, and it continued to be an object of contention for some time between Spain and America. In 1819, negotiations were commenced for the cession of it to the Union; this treaty was ratified by Spain in October, 1820, and by America in February, 1821, and in July it was finally taken possession of by General Jackson.

FLORUS, the Roman historian, flourished in the second century of the christian era.

FLUORIC ACID. The existence of this acid as a constituent of human teeth, bones, and urine, has been admitted by chemists generally, since the year 1802; when Morichini declared that he had detected it in the teeth, and that he had been led to this examination by the discovery of fluoride in fossil ivory.

1839. Dr. G. O. Rees has repeated the experiments upon which the above belief was based by several continental che-

mists, but with reversed results, save in the case of fossil ivory, wherein he detected the fluoride; but he regards this as an extraneous matter introduced by the partial mineralization of the animal substance: he is convinced that no such constituent exists in recent ivory, the enamel of teeth, human bone, or urine; in fact, that fluoride of calcium should be expunged from the list of the constituents of animal substances. Dr. Rees attributes the fallacy of the continental chemists to their experiments being made in apparatus of bad glass, the peculiar action on which has been erroneously considered to denote the presence of the acid.

FLUSHING, town in Holland, on the island of Walcheren, has long been noted as the resort of English smugglers both in peace and war, and sustained a siege from the British in 1809, when it was taken by them. The island was afterwards annexed by Buonaparte to France, and continued so until 1814, when it was restored to the king of the Netherlands, and since the dismemberment of that kingdom, forms part of the kingdom of Holland.

FLUXIONS, invented by Newton in 1669. Differential calculus, by Leibnitz, in 1684. The finest applications of the calculus have been made by Newton, Euler, Lagrange, and Laplace. Maclaurin's Fluxions, the most complete work on this science that has appeared, was published in 1742.

FOGS, remarkable, in London, Jan. 1, 1720, when several chairmen fell with their fares into the canal in St. James's Park, others into Fleet-ditch, and much damage was done on the Thames. A fog equally dense occurred Jan. 10, 1812, and a third Dec. 20, 1813.

FOLEY, ADMIRAL SIR THOMAS, one of the heroes of St. Vincent, the Nile, and Copenhagen, born 1758, died January 3, 1833.

FOLKES, MARTIN, antiquarian, died in 1754, aged 64.

FONTAINE, JOHN, a French poet, was born at Chateau-Thierry, in Champagne, in 1621. He died at Paris in 1695, at the age of 74. His most celebrated work is his Fables, which has passed through a great number of editions.

FONTAINEBLEAU, town of France, celebrated for its palace, which is of great antiquity, founded previous to the 13th century, but enlarged and improved by

Francis I., Henry IV., and Louis XIV., and XV. In this palace, Christiana, queen of Sweden, caused her equerry, Count Monaldeschi, to be executed in 1654. The preliminaries of peace between France, England, Spain, and Portugal, were signed here, Nov. 5, 1762. Pope Pius VII., with his cardinals, lived here in exile from June 19, 1812, to Jan. 24, 1814. A concordat was signed here in 1813. Here also Napoleon signed his first abdication, April 11, 1814.

FONTAINE-NOTRE-DAME, village of, nearly destroyed by fire, April 25, 1816.

FONTARABIA, town of Spain, considered one of the keys of the kingdom, on the frontiers of France, taken by the French in 1794.

FONTENAY, village in France; remarkable for having been the scene of a bloody battle between the sons of Louis le Debonnaire, in the year 841, in consequence of which the Frankish empire, founded by Charlemagne, was dissolved. Lothaire I. received Italy; Louis, Germany; and Charles the Bald, France.

FONTENELLE, author of "The Plurality of Worlds," died Jan. 9, 1757, aged 100.

FONTHILL, near Salisbury, burnt down, valued at £30,000., Feb. 12, 1765.

FOOLS, festival of, at Paris, held Jan. 1, 1198, and continued for 240 years, in which all sorts of absurdities and indecencies were committed.

FOOTE, SAMUEL, dramatic writer and actor, was born at Truro, in Cornwall, 1717. In 1747, he opened the little theatre in the Haymarket, taking upon himself the character of author and performer; and appeared in a dramatic piece of his own composing, called "The Diversions of the Morning." In 1766, being on a party of pleasure with the duke of York, he broke his leg, and was compelled to suffer amputation. This accident so much affected the duke, that he obtained for him a patent for life, by which he was allowed to perform at the theatre, Haymarket, from May 15, to September 15, every year. He died at Dover on his way to Paris, on October 21, 1777, in the 56th year of his age, and was interred in Westminster-abbey.

FORBISHER. See FROBISHER.

FORD, Northumberland. Its castle was built in 1287, several times besieged, and in 1385, nearly demolished by the Scots under the earls of Fife, Marsh, and Douglas. It was also taken by King

James's troops previous to the battle of Flodden.

FORDYCE, DAVID, professor of philosophy, died in 1751, aged 40.

FORDYCE, JAMES, Scotch divine, born at Aberdeen in 1720, died October 11, 1796, in the 76th year of his age.

FORESTER, JOHN RAINHOLD, navigator, died Jan. 9, 1799, aged 70.

FORGERY, by various statutes, was formerly made capital; as, altering, or uttering as true, when forged, of any bank bills or notes, or other securities, by stat. 8 and 9 Will. III. c. 20. 36; 11 Geo. I. c. 9; 12 Geo. I. c. 32; 25 Geo. II. c. 13; 13 Geo. III. c. 79. Stock, or dividends by 8 Geo. I. c. 22; 9 Geo. I. c. 12; 31 Geo. II. c. 22, 77, &c. There was formerly hardly a case wherein forgery, that tended to defraud, whether in the name of a real or fictitious person, was not made a capital crime. But various alterations have been recently made.

1830. 1 Will. IV. c. 66, July 23. After reciting all the different kinds of forgery heretofore liable to the punishment of death, declares that any person so offending, shall not suffer death for the same, unless in either cases specified.

1832. 2 and 3 Will. IV. c. 123, Aug. 16. Further abolishes the punishment of death in cases of forgery, except for forging or altering wills and powers of attorney, to transfer stock, &c.

1837. Lastly. 1 Vic. c. 84, July 17. Reciting various acts, 1 Will. IV. c. 66. 2 and 3 Will. IV. c. 59, the 2 and 3 Will. IV. c. 123, by which the forging of the different instruments was made punishable by death, enacts that persons convicted of any forgery should, in future, be liable to be transported for life, or for not less than seven years, or to be imprisoned for not exceeding four years, nor less than two years.

FORMOSA, or TAIQUAN, an island in the Chinese Sea, subject to the Chinese, discovered by them in the year 1430. The Dutch built the fort of Zealand in its western division in 1643, but were driven out in 1661 by a Chinese pirate, who then made himself master of all the western part. In 1682, the emperor of China obtained possession of the whole island.

FORT BALAGUER, taken by the French, Jan. 9, 1811.

FORT ST. DAVID, fortress in Hindoostan, Carnatic. A British factory was

first established here in 1688 and 1746, when Madras was taken, it was besieged afterwards by the French; taken by them in 1785, and the fortifications destroyed.

FORT-GEORGE, taken by the Americans, May 27, 1813.

FORT ST. GEORGE, in the East Indies, seized by the French, 1746. Restored, 1748.

FORT MICHILIMACHINACK, taken by the British, Canadians and savages, July 17, 1812.

FORT WILLIAM, Calcutta, commenced by Lord Clive after the battle of Plassie, in 1757.

FORTESCUE, SIR JOHN, author of the "Laws of England," died in 1465.

FORTIFICATION, practised in very early times, though in a rude manner. In the land of Canaan, A. C. 1490, "the cities were walled and very great." One of the first improvements in the ancient walls for defence was the perforating them with loop-holes; through these the enemy was constantly annoyed, by the arrows and other missile weapons of the besieged. To the walls square towers were added at proper distances along the top, and projecting a little way beyond them. Fortifications of this kind, still without moats or ditches, continued for many centuries to be the chief or only artificial means of defence.

The invention of gunpowder in the 14th century changed the mode of attack; and this consequently imposed the necessity of changing altogether the system of defence. About the year 1500, the walls were strengthened by thick ramparts of earth, and the two sides of the towers within the walls were removed as useless, leaving only the two exterior sides, which were afterwards altered into bastions; and the walls were universally surrounded by wet or dry ditches. But it was soon found that all the parts of the defence were not equally strong; this gave rise to the invention of ravelins, tenailles, counter-guards, bonnets, horn-works, crown-works, lunettes, the covert way, and other outworks; all of which are designed to make the body of the place equally inaccessible in every part.

Towards the end of the 16th century, the art received some important improvements, and at length began to assume the form of a regular system. To this effect none more contributed than Count de Pagan, a French nobleman, born in the year 1604. M. de Vauban also made

many improvements about 1690. His method of ricochet firing was first employed in 1697 at the siege of Ath, a town in Austrian Hainault. He died in 1707, after having, by his inventions and improvements, brought fortification to a very high degree of perfection.

FOSSIL organic remains of an ichthyosaurus, from 12 to 14 feet in length dug up near Bedford, in 1832; of a plesiosaurus, the length of which is computed to have been between 17 and 18 feet, dug up, Jan. 17, 1833.

FOSTER, CAPTAIN HENRY, one of the companions of Captain Parry, drowned in the river Chagres, in Darien, Feb. 6, 1831.

FOSTER, DR. JAMES, a celebrated nonconformist preacher, was born at Exeter in 1697. In 1728, he commenced a Sunday evening lecture in the Old Jewry, which he continued till within a short time of his death, with almost unexampled popularity. He died Nov. 5, 1752, aged 55.

FOTHERGILL, JOHN, an eminent physician and botanist, was born at Carrend, near York, March 8, 1712. In 1754, he was elected a fellow of the college of physicians at Edinburgh, and in 1763, a member of the Royal Society. He instituted the seminary at Ackworth, in Yorkshire, 1778, to which he was a liberal benefactor. He died December 26, 1780. His understanding was comprehensive and quick, and there was a charm in his conversation, that conciliated the regard and confidence of all who employed him. By his uniform and steady temperance, he preserved his mind vigorous and active, and his constitution equal to all his engagements.

FOTHERINGAY, Northamptonshire, remarkable for its castle, founded by Simon St. Liz, second earl of Northampton, in the time of William the Conqueror, and rebuilt by Edmund, duke of York, second son of Edward III. By marriage-settlement this castle became the property of the Scottish kings, but, during the reign of John David, king of Scotland, it was compelled to surrender to the king of England. In it Richard III, of England, was born. Mary, queen of Scots, in 1586, having previously suffered a long imprisonment, was here tried and condemned in the hall, and shortly afterwards executed.

FOUNDERS' COMPANY, London, incorporated 1614.

FOUNDLING HOSPITAL, London, was founded in 1736; incorporated 1739; building began, 1742; began to receive children, 1756; let part of their estate in 1797, which yields £2000 a year addition to their income.

FOUNTAIN, HERO'S, received its name from the inventor, Hero, of Alexandria, who lived about A.C. 250. In this fountain, the air is compressed by a concealed fall of water; and the jet produced by this pressure induces those who are ignorant of the device to imagine, that the same water which fell from the jet rises again, and constitutes a perpetual motion.

FOUNTAIN in the Piazza Norlua, at Rome, built 1682.

FOUNTAIN DE TREVI, in Rome, built, 1751.

FOUNTAINE, SIR ANDREW, English antiquary, died 1759.

FOUNTAIN'S ABBEY, Yorkshire, built, 1132.

FOURCROY, ANTHONY FRANCIS, chemist, author of the new nomenclature, born June 15, 1755, died Dec. 16, 1809.

FOURNIER, P. S., the Parisian letter-founder, died, 1758.

FOWEY, Cornwall, was famous for the piracies of its inhabitants in the reign of Edward I., but afterwards became mercantile. In the reign of Edward III. it furnished 47 vessels to assist the king in his wars. During the same reign it obtained the name of the gallants of Fowey, in consequence of a successful attack on the ships of Rye and Winchelsea, which refused to strike their colours.

FOX, CHARLES JAMES, one of our most distinguished statesmen, was born January 13, 1749. He was third son of Henry Fox, afterwards Lord Holland, by Lady Georgiana Carolina Lennox, eldest daughter to Charles, second duke of Richmond. At the early period of nine years of age, the dawn appeared of that genius which has since proved the admiration of the world. At Eton he formed his early friendships with many of the most eminent characters of the age.

1768. When he was but 19 years old, his father procured him the return for the borough of Midhurst. It was on occasion of the unhappy disputes which led to the American war, that his splendid talents and truly patriotic sentiments first displayed themselves to public view. In

1780, he became candidate for the city of Westminster, in which, after a violent contest, he succeeded. On the Rockingham party coming into power, he obtained the office of secretary of state for foreign affairs, and the marquis was nominated the first lord of the treasury. A more generous policy was adopted in regard to Ireland; a general peace was meditated; and America, which could not be restored, was at least to be conciliated. But in the midst of these promising appearances, the marquis of Rockingham suddenly died,—an event which divided the friends of liberty, and Mr. Fox retired in disgust. His memorable bill upon the administration of affairs in India, which he introduced into the house of commons on the 18th of November, 1783, drew from the celebrated Mr. Burke a high eulogium.

1788. He repaired to the continent. Here his fame travelled far before him; and, if he was the particular object of attention in his own country, he was no less so in other nations. No sooner had the French nation evinced a sincere desire to shake off the yoke of absolute power, than Mr. Fox hailed the auspicious dawn of rising liberty. At first the two great rival statesmen, Fox and Pitt, who agreed in nothing else, united cordially in this cause; but they soon became opposed to each other, and the most serious conflicts were the result of their discussions. After a period of 18 years, Mr. Pitt retired from office. At his death, which took place soon after, his associates, after a short trial, gave way for the introduction of Mr. Fox once more into office. He resumed his situation as secretary of state for the foreign department, which he had surrendered 22 years before, but he enjoyed this station but for a few months, when he was deprived by death of serving his country, the first and nearest object of his heart. He died on Sept. 13, 1806, in the 58th year of his age, and was buried in Westminster-abbey, on the 10th of October following.

“To an extraordinary natural capacity, improved and embellished by a liberal education, and to a quickness of apprehension which instantly seized every object that was presented to it, and which, with incredible facility, developed the most intricate problems, this great man added a memory, richly stored with the treasures of science and literature, and well fraught with historical and political

knowledge. His eloquence was plain, nervous, energetic, and vehement: it simplified what was complicated, it unravelled what was entangled, it cast light upon what was obscure, and through the understanding it forced its way to the heart. It came home to the sense and feelings of the hearer, and by a secret, irresistible charm, it extorted the assent of those who were most unwilling to be convinced. And to crown all, this astonishing eloquence was uniformly exerted in the cause of liberty and justice, in defence of the oppressed and persecuted, and in vindicating the rights, the freedom, and the happiness of mankind. He made the cause of all that were wronged his own; and, even where he failed, through the perverseness of the times, of procuring justice for them, he, in a measure, compensated their sufferings, by lending his great talents to their cause, and by drawing towards it the sympathy of mankind.”

FOX, GEORGE, the founder of the society commonly called Quakers, was born at Drayton in Leicestershire, in 1624. When he was about 19 years of age he fancied he had received a divine communication, urging him to forsake all, to separate himself from the old and young, and devote his life to the duties of religion. After a life of incessant fatigues, and almost perpetual persecutions, he died in the year 1690, in the 67th year of his age.

FOX, JOHN, author of the well known “Book of Martyrs,” was born at Boston in Lincolnshire, in 1517. At 16 he was entered a student of Brazen-nose College, Oxford; and, in 1543, he took his degree of master of arts, and was soon after elected fellow of Magdalen College, but on discovering a propensity to the doctrines of the Reformation, he was expelled the college as a heretic. At length, persecuted by his implacable enemy, Bishop Gardiner, he was obliged to seek refuge abroad. On the death of Queen Mary he returned to England; where he was patronized by his former pupil, the duke of Norfolk, who retained him in his family as long as he lived, and bequeathed him a pension at his death. He died in 1587, aged 70, and was buried in the chancel of St. Giles’s, Cripplegate.

FOX, G. LANE, ESQ, his mansion at Bramham Park destroyed by fire, July 29, 1828; the loss estimated at £40,000.

FOX, or ALEUTIAN ISLES. See ALEUTIAN ISLES.

FRAMES, stocking or lace, destroying of, made a capital offence, 1812. The law continued in force till March 1, 1814.

FRAME-WORK-KNITTERS' COMPANY, London, incorporated 1664.

FRANCE, a kingdom of Europe, bounded north and north-west by the English Channel, north-east by the Netherlands, east by Baden, Switzerland, and the Sardinian states, south by the Mediterranean Sea and the Pyrenean mountains, and west by the Bay of Biscay. The first known inhabitants of this part of Europe were the Celtæ or Gauls.

This country was conquered by Cæsar, A. C. 57 to 50, and together with Spain and Britain, made a Roman province. The country was then overrun by the barbarians; first, by the Visigoths, who founded the kingdom of Toulouse, A. D. 412—419; secondly, by the Burgundians, who founded the kingdom of Burgundy under Gondicaire in 414; thirdly, by the Franks-Saliens, who at last gave their name to the country. This people, after many struggles, took possession of the province. Pharamond, the first king of the Franks, distinctly mentioned in history, is said to have reigned from about the year 418 to 428. He was succeeded by his son Clodio, who carried on a war against the Romans. He died in 448, and was succeeded by Merovæus. Merovæus died in 458, and was succeeded by his son Childeric, who took the city of Paris after a siege of five years. The Roman power was now destroyed in Italy, and Clovis, who succeeded Childeric, conquered Gaul.

487. The French monarchy was established by Clovis. See CLOVIS.

The first race of kings ended with Childeric III. in 752; their history presents only the characteristics of a barbarous age, during which the kingdom was frequently divided among petty sovereigns, and the princes weakened each other with their contests, while the nobles increased in power, and left the kings only the title of royalty. The latter princes of this race, giving themselves up to a life of indolence and ease, abandoned the reins of government to officers named mayors of the palace; of whom the most celebrated were Charles Martel, who governed for twelve years, under the

title of duke of France; and his son Pepin the Little, who, at length, deposed Childeric, and assumed the title of king.

The second race, which began with Pepin, was named Carlovingian, from his son Carolus Magnus, commonly called Charlemagne. See CHARLEMAGNE.

At the time of this prince's death, in 814, he had reduced all that part of Spain which lies between the Pyrenees and the Ebro, including Rousillon, Navarre, Aragon, and Catalonia: he had seized Italy, from the Alps to the borders of Calabria, though the duchy of Beneventum, with most of the modern kingdom of Naples, escaped his yoke; and he also had added to his dominions all Germany south of the Eyder, and Pannonia. At the death of his son, Louis I., 840, the monarchy was divided. A vast number of petty tyrannies were established, while the sovereign retained little more than the title and ornaments of royalty. This declension was more particularly visible in the reign of Charles IV., or the Simple, who ascended the throne in 898, when the grant of Neustria to Rollo the Norman, and the usurpations of Robert, grandfather of Hugh Capet, and Rodolphus, duke of Burgundy, reduced the power of the Carlovingian race to a mere shadow; it continued to decline during the reigns of Louis IV., Lothaire, and Louis V., till, at length, on the death of the latter, in 987, they were superseded by Hugh Capet, who had been created duke of France by Lothaire.

The third race (of Capetians) began in 987. Hugh Capet, duke of France, effected a revolution nearly similar to that brought about by Pepin; he had supplanted Louis V. in the exercise of the royal functions, but suffered him to retain the title of king till his death, when he usurped the crown, and became the founder of the third race of kings, called after himself Capetian. Though Hugh Capet had assumed the title of king, his power was very limited; for the dukes and counts, the former commanders of provinces, the latter of counties or cities, being absolute on their several estates, were the real sovereigns, among whom the king could only be considered as president in council, or leader in battle.

This state continued till Philip II., sur-

named Augustus, who ascended the throne in 1180, by his victories, and policy, re-united most of the great fiefs to the crown, the power of which was increased by his successors, either by arms, by succession, by donation, or other titles of acquisition; so that, in the reign of Louis XIV., all the dismembered parts were annexed, and the kingdom of France was, under that prince, raised to the highest pitch of glory it had known since the days of Charlemagne. The other princes of this race who are distinguished in history are—Francis I., taken prisoner by the imperialists, and carried into Spain, Aug., 1525;—Charles IX., who, on the eve of St. Bartholomew, 1572, ordered a general massacre of the protestants;—Henry IV., who united the kingdom of Navarre to that of France, abjured the protestant religion, in which he had been educated, and quieted the religious disputes which had long disturbed the peace of his kingdom, by the edict of Nantz, published in 1598;—Louis XIV., who reversed this edict in 1685, and who banished the protestants from all his dominions;—and Louis XVI., who was executed on a public scaffold, at Paris, by his revolutionary subjects, January 21, 1793. See LOUIS.

The following is a chronological list of this race of kings. Firstly, direct Capetians: Hugh Capet, who died in 996; Robert, in 1031; Henry I., in 1060; Philip I., in 1108; Louis VI., in 1137; Louis VII., in 1180; Philip II., in 1223; Louis VIII., in 1226; Louis IX., in 1270; Philip III., in 1285; Philip IV., in 1314; Louis X., in 1316; Philip V., in 1321; Charles IV., in 1328. Secondly, the first line of Valois: Philip VI., in 1350; John, in 1364; Charles V., in 1380; Charles VI., in 1422; Charles VII., in 1461; Louis XI., in 1483; Charles VIII., in 1497. Thirdly, the line of Orleans: Louis XII., in 1515. Fourthly, the second line of Valois: Francis I., in 1547; Henry II., in 1559; Francis II., in 1560; Charles IX., in 1575; Henry III., in 1589. Fifthly, the Bourbons: Henry IV., in 1610; Louis XIII., in 1643; Louis XIV., in 1718; Louis XV., in 1774; Louis XVI., de-throned in 1792.

1792. Prussia, Sweden, and Russia, having entered into engagements for the restoration of the ancient despotism of France, they were afterwards joined for

that purpose by Germany and England.

The war of the revolution commenced July 25; the duke of Brunswick issued at Coblenz his celebrated manifesto, declaring the intended invasion of France to be the restoration of the French king to full authority. The combined armies of Austria and Russia entered France in August, but were repulsed by the successes of Dumourier. Battle of Jemappe, Nov. 5. This victory decided the fate of the Netherlands. Mons and Brussels surrendered to Dumourier; Tournay, Malines, Ghent, and Antwerp, were taken possession of by General Labourdonnaye; Louvaine and Namur were taken by General Valence; and the whole Austrian Netherlands, Luxembourg only excepted, fell into the hands of the French.

1793. Execution of Louis XVI. See LOUIS XVI. Triumph of the Jacobins; republican constitution; massacre at Lyons; success of the French armies; execution of the queen, Oct. 16; ascendancy of Robespierre.

1794. The allies generally unsuccessful; fall of Robespierre; the republic acknowledged by the allies.

1795. New constitution by which the legislative power was vested in two councils, chosen through the medium of the electoral assemblies, the one consisting of 500, the other of 250 members. The executive power was delegated to a directory of five members, to be partially renewed by the annual election of one member in regular rotation; the directory to be elected by the councils. Retreat of the French; peace with Holland concluded at the Hague, May 15.

1796. Triumph of Buonaparte in Italy; battle of Lodi, May 10. "Of all the actions in which the troops under my command have been engaged," said Buonaparte in his dispatches to the directory, "none has equalled the tremendous passage of the bridge of Lodi."

1797. Buonaparte entered the papal dominions; peace of Campo Formio, which was signed Oct. 17. By this treaty, the emperor "renounced for himself and his successors, in favour of the French republic, all his rights and titles to the Austrian Netherlands;" and consented that the French republic should possess in full sovereignty the Venetian islands of the Levant, and the other islands dependent thereon. Buonaparte

having thus obtained a peace, returned to Paris, Nov. 20, where he was hailed with the most rapturous applause by the people, and received with every possible mark of consideration by the government.

1798. Congress of Radstadt, in which it was proposed to discuss and settle all the disputes between the French republic and the German empire. At the moment when the French plenipotentiaries at Radstadt were giving the most solemn assurance that their government panted for tranquillity, a war was suddenly declared against Switzerland, which was conquered by the French.

1799. Buonaparte made first counsel. See BUONAPARTE, p. 164.

1802. Peace of Amiens; the definitive treaty was concluded March 22, in consequence of which the French republic was acknowledged by the whole of Europe.

1803. Recommencement of hostilities, May 16; letters of marque were issued against the French republic; while, on the part of the French, all subjects belonging to Britain who were found in France and Holland were arrested and detained, an event which was speedily followed by the march of a republican army towards Osnaburgh and Hanover.

1804. Imperial dynasty commenced. Trial of certain state prisoners at Paris, in May. They were charged with conspiring against the life and government of Buonaparte. Georges, with 11 of his associates, were condemned and executed, June 25; the gallant Moreau, and four more, were sentenced to suffer two years' imprisonment; and about 18 were acquitted.

1805. The decisive and memorable victory of Trafalgar, October 21. See TRAFALGAR. Battle of Austerlitz, Dec. 2. In less than an hour the whole left wing of the Allies was cut off, their right being by that time at Austerlitz. The loss sustained by the Allies during the whole of the battle was estimated at 150 pieces of cannon, with 45 stand of colours, and 18,000 men. Dec. 5, an interview took place between the emperors of Austria and France. An armistice was mutually agreed to, which was to serve as the basis of a definitive treaty, which was afterwards signed at Presburg, Dec. 25. The French agreed to evacuate Brunn, Jan. 4, 1806, Vienna, on the 10th, and the whole Austrian

states in six weeks after the signing of the treaty, except such as were ceded to Italy and Bavaria.

1806. Prussia, which had for a considerable time manifested its adherence to the cause of the French ruler, determined at length to join the confederacy against France. But the Prussian army sustained the most dreadful reverses; the battles of Jena, and Auerstadt were productive of the most distressing consequences; whole armies, and strong fortresses, either from panic or treachery, surrendered without a blow; and the capital itself was abandoned to the conqueror, who now resolved to push his victories into Poland.

1807. June 25, an interview took place on the Neimen, between the emperors of Russia and France, at which the preliminaries of a pacification were adjusted, between these two countries; and the king of Prussia, no longer supported by Russia, was compelled to submit to his hard destiny. A peace was therefore concluded at Tilsit, July 9, by which the Prussian monarchy was diminished nearly one-half.

1808. Commencement of the Peninsular war; the French emperor contrived, under a variety of specious pretences, to introduce a powerful body of his troops into Spain; he then induced the reigning monarch to make a formal renunciation of his crown; and having dexterously allured his successor, Ferdinand, beyond the protection of his army, he sent him a prisoner to France, and bestowed the sovereignty of Spain, and of the Indies, on his brother Joseph. King Joseph, with his army, in July, was compelled to retire from Madrid with the most disgraceful precipitation.

1809—11. Peninsular war continued. Successes of the British in Spain under Lord Wellington.

1812. April 6, the important fortress of Badajoz, which might be considered as the key to Spain, was taken by storm, by the army under Lord Wellington, which caused the French afterwards to evacuate Spain.

1813. Campaigns in Russia, Germany, Spain, and France, disastrous to the French cause; defeats of the French at Leipsic, &c.

1814. Napoleon's resignation of the crown, and the entrance of the allied armies into Paris; Louis XVIII. proclaimed king of France.

1815. Return of Buonaparte from Elba, Feb, 26; the expedition, with Napoleon and his staff on board the *Inconstant*, sailed from Porto Ferrajo, at the signal of a single gun, amidst the exclamations of *Paris ou la mort!* "Paris or death!" The armies of the Allies were soon collected to an immense number; the British troops under Lord Wellington, as well as the Austrians and Prussians, were assembled in the neighbourhood of Brussels, as it was understood that Buonaparte would first direct his army towards that quarter. The imperial army advanced with unexampled rapidity, and was met on the field of Waterloo by the allied army, consisting chiefly of British troops. On June 18, that memorable battle was fought, which, after a severe and sanguinary contest, so happily decided the fate of Europe. See WATERLOO. After this memorable defeat the French emperor precipitately quitted the field of battle, and arrived at Paris June 20. Return of Louis XVIII., July 6, and the surrender of the capital of France to the British army. This ceremony took place at half-past four o'clock, when all the gates of the city were placed in the hands of their new masters.

The negotiation of a general treaty of peace with the allied powers began immediately to occupy the attention of the French government. The boundaries of France, as they stood in 1790, from the North Sea to the Mediterranean, formed the fundamental principles of the territorial arrangements; and on this point it was determined that the boundaries of former Belgium, of Germany, and of Savoy, which, by the treaty of Paris in 1814, were annexed to France, should now be separated from that kingdom. After various declarations and conferences, treaties grounded on these bases were concluded at Paris, Nov. 20.

1816. A conspiracy detected at Paris, for overthrowing the government, murdering the whole of the royal family, and placing Napoleon II. on the throne. Several of the conspirators were capitally convicted, and others subject to various degrees of punishment. The ministry, at the head of which the duke of Richelieu had been placed, after the re-establishment of the monarchy, had carried most of their measures with a high hand, till the beginning of the year 1819, when the duke and his friends having resigned,

a new ministry was formed, consisting of men supposed to lean more to the side of the liberal party.

1820. While the ministry had in view the discussion of a modification of the election law, the Duc de Berri fell by the hand of the assassin Lovel. The general horror excited by this deed tended to forward the views of the royalist party.

1822. French invasion of Spain. See SPAIN.

1825. Death of Louis XVIII., September 16, in the 69th year of his age, and the 10th of his reign. Succeeded by his brother, the Comte D'Artois, under the title of Charles X. This prince was nearly the age of his brother, and his political opinions, at that time, seemed much the same. After his accession, however, he showed a greater inclination to yield to the impulse of public opinion than his predecessor; as a first step, agreeably to the power vested in the crown, he removed the censorship of the press.

1827. Under the influence of mischievous councils, attempts to enforce that obnoxious measure were renewed with circumstances of peculiar atrocity. The promulgation of the new regulations excited in Paris, one loud and universal expression of alarm and indignation. The bill enforcing the censorship was carried and sent up to the Chamber of Peers by a majority of 233 to 134 votes, but ministers anticipated, from the dispositions manifested, the total rejection of the bill, and resolved to give up the project.

1829. August 8, the Polignac administration was formed, who were destined, before another year should have run, to precipitate the king from his throne.

1830. May 20, the ministry was remodelled. They met March 2, and an address being moved in the Chamber of Deputies, was carried by a majority of 221 against 181. On this, the king prorogued the house to September 1, and on May 17, issued an ordinance, declaring the Chamber of Deputies dissolved, and appointing June 23, and July 3, for the election of the members of a new chamber, to assemble August 3. The ministers proposed six extraordinary enactments. The first annihilated the liberty of the press; the second dissolved the Chamber of Deputies; the third abrogated the existing law of election; the fourth appointed September 6 and 13 for the

meeting of the two classes of Electoral Colleges, and convoked the Chamber; to be elected upon the new system. The remaining two ordinances nominated to the dignity of counsellors of state a number of the most obnoxious adherents of the old Villele administration. These enactments roused up Paris to the memorable three days' conflict, in July. See **PARIS**.

To these transactions followed the flight of Charles X., from St. Cloud to Trianon, and thence to Rambouillet, the march of the people to accelerate the departure of the proscribed king, his abdication in favour of his grandson, the nomination of the duke of Orleans, first as lieutenant-general, and then as king, under the title of Louis Philippe I, and finally, the deliberate and almost unregarded procession into exile of the deposed monarch and his family. See **CHARLES X.**

1832. Popular commotions in Paris, at Lyons, &c. At the latter place after having been fired on by the national guards, and some of them sabred by the cavalry in repeated charges, became desperate, and in the course of the affray attacked and disarmed several bodies of the military. The number of killed on both sides was between 500 and 600.

The duchess de Berri arrived at La Vendée in the beginning of May, and preparations were made for a general rising; La Vendée and three other departments were consequently placed under martial law, but the insurrection, was soon put an end to, and the duchess apprehended. See **BERRI**.

1834. French occupation of Algiers. See **ALGIERS**.

1835. Attempted assassination of the king by the Infernal Machine. See **FIESCHI**.

1836. In France, dissatisfactions continued to prevail; during the year, several attempts were made to assassinate the king, but without effect. In the evening of June 25, an assassin named Ali-ban, armed with an air-gun in the form of a walking-stick, fired at the king at so short a distance that the gun nearly touched his majesty, while going out in his coach. The assassin was arrested on the spot. He made an attempt to stab himself, but was disarmed.

Another attempt at assassination occurred at the end of December, on the day fixed for the opening of the French

Chambers. The king, in a close carriage, with his three sons, the dukes of Orleans and Nemours, and the prince de Joinville, proceeded along the quay which separates the terrace of the Tuileries gardens by the river Seine. The procession had gone but about 50 yards, when a shot was fired by a person in the crowd, behind the grenadiers of the national guards, who lined the right side of the quay. The ball entered the front window of the carriage, passing between the duke de Nemours and the prince de Joinville, who sat facing the king, and went out through the back of the carriage, thus narrowly missing Louis Philippe.

Prince Louis Napoleon, son of Louis the ex-king of Holland, formed a correspondence with colonel Vaudrey of the garrison of Strasburgh, to deliver that town into his hands. But the party were surprised, the gates immediately closed, and the whole arrested. The other persons implicated were destined for trial; but Prince Louis was allowed to go to the United States, and a French frigate sailed with him from L'Orient, Nov. 21.

1838. In the beginning of autumn, the French government became engaged in a struggle with the Swiss confederation. Prince Louis Napoleon had hardly landed on the shores of the other hemisphere, than he retraced his course to Europe, and re-established himself in his former quarters at Arenenburg in Switzerland. The expulsion of this young man from the territories of the confederation was peremptorily demanded by the French Government and refused. But he afterwards withdrew to England.

1840. Louis Napoleon made a descent August 6, upon Boulogne with about fifty followers: they marched to the barracks and endeavoured to seduce the soldiers from their allegiance: the national guards were called out, when the prince and his followers were obliged to flee. They were fired at in their retreat, and several were killed in their attempts to reach the steam boat that took them to Boulogne from England; some few took possession of horses, and tried to escape; but the prince and most of them were secured. He issued, on his landing, a manifesto to the following effect: "The dynasty of the Bourbons of Orleans has ceased to reign. The French people are reinstated in their

rights. The troops are delivered from their oath of fidelity. The Chamber of Peers and the Chamber of Deputies are dissolved. A national congress shall be convoked on the arrival of Prince Napoleon at Paris." The trial of Prince Louis and his companions commenced at Paris, Monday, Sept. 28, and excited unusual interest. He was sentenced to perpetual imprisonment.

Oct. 18. Another attempt to assassinate the king, on his return to St. Cloud. A shot was fired from a carbine so heavily loaded that it carried away three fingers of the assassin, who then quietly surrendered himself.

FRANCE, ISLE OF. See MAURITIUS.

FRANCE, NEW, name given to Florida, on the first voyage of discovery made by the French under Francis I., one of whose ships, after reaching this country, coasted as far as 50° north latitude, and gave to this part the name of New France.

FRANCIS I., king of France, the rival of the Emperor Charles V. and the restorer of learning and politeness in France, succeeded to the throne in 1514. Immediately on his accession resolved on an expedition into Italy. In this he was at first successful, defeating the Swiss at Marignon, and reducing the duchy of Milan. In 1518, the Emperor Maximilian dying, Francis was very ambitious of becoming his successor. But Maximilian before his death, had exerted himself so much in favour of Charles V. of Spain, that Francis found it impossible to succeed; and from that time an irreconcilable hatred existed between the two monarchs. In 1521, this ill-will produced a war; which was continued with various success till the year 1524; when Francis having invaded Italy, and laid siege to Pavia, he was utterly defeated before that city, and taken prisoner, Feb. 24.

He was carried to Madrid; where, Jan. 14, 1525, he signed a treaty, the principal articles of which were, that he should resign to the emperor the duchy of Burgundy in full sovereignty; that he should renounce all claim to Naples, Milan, Asti, Tournay, Lisle, Hesden, &c. All these articles the king of France promised on the word and honour of a prince to execute; but when he returned to his dominions, his first care was to get himself absolved by the pope from the oaths he had taken. All differences being

at last adjusted, a treaty was concluded at Cambray, Aug. 5, 1528. The war was renewed with Charles, who invaded France, but with very ill success; nor was peace fully established but by the death of Francis which happened March 3, 1547.

FRANCISCANS, religious, of the order of St. Francis, founded by him in the year 1209. Francis was the son of a merchant of Assisi, in the province of Umbria, who, having led a dissolute life, was reclaimed by a fit of sickness, and afterwards fell into an extravagant kind of devotion. He was led to consider a voluntary and absolute poverty as the essence of the gospel, and to prescribe this poverty as a sacred rule both to himself and to the few that followed him. This new society was solemnly approved and confirmed by Honorius III. in 1223, and had made a considerable progress before the death of its founder, in 1226. In 1231, Gregory IX. published an interpretation of this rule, mitigating its rigour, which was further confirmed by Innocent IV., in 1245, and by Alexander IV., in 1247. The general opinion is, that the Franciscans came into England in the year 1224, and had their first house at Canterbury, and their second at London; but there is no certain account of their being here till king Henry VII., built two or three houses for them.

FRANCKLIN, DR. THOMAS, translator of Sophocles, &c. died, 1784.

FRANCOIS, CAPE, town, island of St. Domingo, was founded in 1670, destroyed by fire in 1793, surrendered by the French to the natives in 1803.

FRANKENDAL, town of Bavaria, taken by the French, Oct. 17, 1794.

FRANKFORT ON THE MAINE, city, Germany, grand duchy of Frankfort, called the ford of the Franks, was probably the rendezvous of that people in the fifth century. The Saxons were defeated under its walls by Charlemagne, and the suburb on the left bank of the Maine, retains its ancient name of Saxenhausen. Frankfort dates its freedom from the same period as the ancient Hanseatic towns, Hamburgh, Bremen, and Lubeck, but was not, like them, considered a conquest by Napoleon, or united to the French empire, but continued after 1806, the capital of a duchy, and governed by a sovereign primate. It was declared free in 1815.

FRANKFORT ON THE ODER, town of Prussia, province of Brandenburg. The university, founded in 1506, has been transferred to Breslau. At a short distance is Cunersdorf, celebrated for the battle fought here between the Russians and Prussians in 1759. Frankfort was taken by the French, Nov. 28, 1806.

FRANKLIN, DR. BENJAMIN, a celebrated American philosopher and statesman, was born in 1706, at Boston, in New England. He very early discovered a propensity towards literary pursuits, but in consequence of his father's poverty he was taken from school at the age of ten years. He came to England in 1725, and was obliged to obtain work as a journeyman in London for his immediate subsistence. After 18 months' residence there, he returned to Philadelphia in the year 1726, and was afterwards employed as overseer in a printing office. The public library at Philadelphia was established in 1731, chiefly by his exertions, and he had the satisfaction of seeing it attain to a very flourishing condition. His well known work called "Poor Richard's Almanac," was begun in 1732, and became remarkable for the prudential maxims with which it abounded.

Franklin's political career commenced in 1736, when he was chosen clerk to the general assembly of Pennsylvania, to which he was re-elected for several years, and at last became a representative. In 1737, he was made postmaster of Philadelphia, and in the subsequent years he greatly improved the police of the city, by the formation of a fire company, and afterwards of an insurance company. In the war with France, which broke out in 1744, Franklin suggested the idea of a voluntary association for defence, which was instantly joined by 1200 persons.

About this period he began his interesting experiments on electricity, by the result of which he acquired so distinguished a reputation. The most brilliant of his discoveries was that which proved the identity of the electric fluid and lightning. He was chosen a representative of the city of Philadelphia for the provincial assembly in 1747. He drew up the plan of an academy to be founded at Philadelphia, which was carried into effect in 1750.

1757. Franklin set sail for London, as agent for Philadelphia, the assembly

of that province being involved in disputes with the proprietary. His merit as a philosopher, was now justly appreciated in Europe, and he was made a member of the Royal Society of London; the degree of doctor of laws was also conferred upon him at St. Andrews, Edinburgh, and Oxford. In 1762, he returned to America, where he received the thanks of the assembly of Pennsylvania, and a handsome recompense for his important services.

On the commencement of hostilities between Great Britain and the colonies, in 1775, Dr. Franklin returned to America, and was chosen a delegate to congress by the legislature of Pennsylvania. In 1776 he treated with Lord Howe on the subject of a reconciliation. When a negotiation with France was opened, he was chosen to reside at that court; and he effected a treaty with France of an offensive and defensive nature, in 1778, the immediate consequence of which was a war with Britain. He was recalled from that active station in 1785, which he had filled with so much ability, and chosen president of the supreme executive council. His increasing infirmities obliged him, however, to withdraw from all public business, in 1788; and on April 17, 1790, terminated his life, in the 85th year of his age. In 1779, his political, miscellaneous, and philosophical pieces, were published in 4to. and 8vo.

FRANKS, first noticed by historians, 241; committed depredations in Spain, 260; settled in Gaul, 277; the Salians established themselves at Toxandria, 287; were driven out of Batavia, 293; defeated in Gaul, 305; defeated by Aëtius, 428; destroyed Cologne, 355; their kingdom began, under Pharamond, on the Lower Rhine, 420. See **FRANCE**.

FRASER, WILLIAM, an extraordinary instance of mental calculation, died 1806.

FRAUDS by bankrupts punished by act, passed 1782.

FREDERICK THE GREAT, of Prussia, one of the most celebrated monarchs of his age, the son of Frederick I., was born in 1712. At seven years of age, he was placed by his father under the care of military tutors. Born, however, with a taste for the arts, he devoted to their cultivation every moment he could escape from the vigilance of his guardians; whenever his father found him

thus employed, he broke his flute and threw his books into the fire. The prince, chagrined at this treatment, formed a design of travelling to see other countries, without his father's knowledge: the project was discovered, and the king, implacable in his resentment, determined to put him to death. He was shut up in the fortress of Custrin; and it was with the utmost difficulty that the Count de Seckendorf could prevail on the king to alter his resolution. In an interval of peace and tranquillity spent at his own mansion, at Rheinsburgh, Frederick conceived that ardent passion for military glory and the aggrandisement of his kingdom, for which he afterwards became so remarkable.

1736. He began a correspondence with the celebrated Voltaire, who contributed much in forming his opinions and his taste, and impressed him with that spirit of toleration which distinguished his reign. The king, his father, died May, 1740, leaving the throne to his son. The acquisition of a kingdom did not abate Frederick's passion for literature. For an account of his public transactions, see PRUSSIA.

In the first year of his reign, he restored the academy of sciences, at Berlin, which had been founded in 1700; and in the interval betwixt the conclusion of the first war, and beginning of that of 1756, he composed most of the works which are now ascribed to him. In August 1785, he impaired his health by assisting at a review. Though greatly weakened, he continued to employ himself in public affairs till the day before he died, which was on Aug. 17, 1786, in the 75th year of his age, and the 47th of his reign.

FREDERICK WILLIAM III., late king of Prussia, born May 3, 1770, ascended the throne, 1797. During his reign, some of the most memorable transactions in relation to the wars of the French revolution took place. See PRUSSIA. He visited England in June, 1814, with the emperor Alexander of Russia and their suite. The remainder of his reign was eminently peaceful and prosperous. He died June 7, 1840.

FREDERICKSHALL, town Norway; near to this is the fortress of Frederickstein, which in 1665 made an obstinate resistance to the Swedes, and Charles XII. was killed in the trenches here, Dec. 11, 1718.

FREEMASONRY, the rule or system of mysteries and secrets peculiar to the society of free and accepted masons. A similar institution has existed, from a very early period, under different forms and appellations. Its earliest appearance in modern times was under the form of a travelling association of Italian, Greek, French, German, and Flemish artists, who were denominated free masons, and went about erecting churches and cathedrals.

About the 14th century, the principles of freemasonry were rapidly diffused throughout Great Britain, and several lodges were erected in different parts of the island. In 1425, an act was made against the meetings of the chapters and congregations of masons. On the accession of Henry VI., he permitted the order to hold their meetings without molestation, and himself became a member of the order. On the accession of Henry VIII., Cardinal Wolsey was appointed grand-master. In the time of James I., masonry flourished; lodges were held in both kingdoms, and the celebrated Inigo Jones, who was appointed general surveyor to the king, was named grand-master of England.

The grand lodge of England was instituted in 1717, at a time when there were only four lodges in the kingdom; and, in 1730, was established the grand lodge of Ireland. In 1729, freemasonry was introduced into the East Indies; and in a short time after, a provincial grand-master was appointed to superintend the lodges in that quarter. A patent was sent from England, in 1731, to erect a lodge at the Hague. In 1738, a lodge was instituted at Brunswick, under the patronage of the grand lodge of Scotland, and the order was at length diffused over every part of Europe.

FREEMASONS' HALL, Queenstreet, Lincoln's-Inn-Fields, London, built 1775, opened May 23, 1776.

FREJUS, town of France, department of Var, the birthplace of Agricola. In 1799, Buonaparte landed here on his return from Egypt, and in 1815, on his escape from Elba.

FRENCH PROTESTANTS' HOSPITAL, London, incorporated, 1718.

FRENCH TOWN, America, taken by the American general Winchester, January 18, 1813. Retaken by Colonel Proctor, 22d of the same month.

FRESNOY, CHARLES ALPHONSE DU,

a celebrated French poet and painter, born 1611, died 1665.

FRETTEVAL, town of France. In 1194, the English obtained a victory over the French at this place, and amongst the spoils were found some important records of the French monarch.

FRIARS AND NUNS, 10,000 turned out of the monasteries in England, 1536.

FRIBOURG, in Switzerland, founded 1179.

FRIEDWALD, TREATY OF, between France and the Protestant princes of Germany, Oct. 5, 1551.

FRIENDLY ISLES, in the South Pacific Ocean, thus named by Captain Cook. Abel Jansen Tasman, an eminent Dutch navigator, first touched there in 1643, and gave names to the principal islands. Captain Cook explored more than sixty of them in 1773. The chief of them is by the natives called Tongataboo, and they have latterly excited much interest from the successful labours of the missionaries among them, particularly the late Mr. Williams. See **MISSIONS**, and **TONGATABOO**.

FRIENDLY or BENEFIT SOCIETIES, first established 1793, and regulated by various statutes; amended by 10 Geo. IV., 2 and 4 Will. IV.

1829. By 10 Geo. IV. c. 56.; passed June 19, any persons are empowered to form themselves into a society for their mutual relief, to "raise funds for that purpose, to make and alter, and amend rules for the government and guidance of the same, and to inflict fines, &c. upon members who shall offend against such rules. Such societies in their rules, before they be confirmed by the justices, to declare all and every intent and purpose for which such society is intended to be established; and to direct all the uses and purposes to which the money subscribed shall be applied, and in what proportions, and under what circumstances, any member or other person shall become entitled thereto; the money so subscribed not to be diverted or misapplied by the treasurer or other person entrusted therewith, under such penalty as the society shall by any rule impose. No confirmed rule to be altered, &c. but at a general meeting of the society, convened in pursuance of a requisition for that purpose, by seven or more members."

1832. 2 Will. IV. c. 37, May 23, amends the above, and extends the time

within which pre-existing societies must conform to its provisions.

1834. 4 Will. IV. c. 40, July 30, empowers any number of persons to form themselves into a society, under the provisions of 10 Geo. IV., before recited, for the mutual relief and maintenance of "all and every the members thereof, their wives, children, relations, or nominees, in sickness, infancy, advanced age, or widowhood; but when the rules of any society provide for relief in any other case than that of sickness, infancy, advanced age, widowhood, or other natural state or contingency, the contributors for such other purpose shall be kept separate and distinct, or the charges defrayed by extra subscriptions of the members at the time such contingencies take place." Funds of friendly societies may be deposited in savings banks, subject to 9 Geo. IV. c. 92.

A recent parliamentary return states, that the number of friendly societies filed by the clerks of the peace, from 1793 to 1833, have been—

England.....	16,596
Wales.....	769
Scotland.....	2,144
	<hr/>
	19,509

FRIESLAND, EAST, and Harlingen, annexed to the kingdom of Hanover, 1815.

FRITHELSTOCK PRIORY, Devon, built 1222.

FRIULI, district, north Italy, during the Lombard dynasty, was a duchy; in 1420 it was added to Venice; in the following century, a part was seized by Austria, and the whole ceded to that power in 1797. The peace of Presburg attached it to the new kingdom of Italy, and at the general settlement of Europe, in 1814, it was again ceded to Austria, and forms a part of the Lombardo-Venetian kingdom.

FROBISHER, or FORBISHER, MARTIN, a celebrated British admiral, was born near Doncaster, in Yorkshire. Set out on an enterprise to discover a north-west passage to the East Indies in 1576. In August, he sailed into the straits in 63 degrees of N. lat. which he named Frobisher's Straits. Made two voyages to these parts in 1577 and 1578, and with great perseverance and bravery attempted to approach nearer to the north pole. In 1585, he was appointed to the

command of the Aid, in Sir Francis Drake's expedition to the West Indies, which took the town of St. Domingo. In 1588 he exerted himself against the Spanish Armada. He afterwards commanded a squadron which was ordered to cruise on the Spanish coast; and, in 1592, took two valuable ships, and a rich carrack. In 1594 he was sent to the assistance of Henry IV., king of France, against a body of the Leaguers and Spaniards; but in an assault upon Brest, November 7, was wounded with a ball, of which he died soon after.

FROISSART, JOHN, chronicler, born about 1333, died 1402.

FROLIC, steam vessel, lost and 80 persons drowned, on the Ness Sands, Glamorganshire, April 11, 1831.

FROST being derived from the atmosphere, naturally attacks the surfaces of bodies first, whence it gradually proceeds to their interior parts; hence the longer a frost continues, the thicker will be the ice. At Moscow, in a hard season, the frost penetrates to the depth of two feet; and, according to Captain James, in Charlton Island, the water was frozen to the depth of six feet; also, at the same time, the frost had descended ten feet into the ground.

The following are some of the most remarkable frosts on record.

220. One frost in Britain lasted five months.

250. The Thames frozen nine weeks.

291. Most of the rivers in Britain frozen six weeks.

359. A severe frost in Scotland 14 weeks.

401. The Pontus sea was entirely frozen over, for the space of 20 days; and the sea between Constantinople and Scutari.

508. So severe a frost all over Britain, that the rivers were frozen up for above two months.

558. One so great that the Danube was quite frozen over.

695. The Thames frozen for six weeks, when booths were built upon it.

760. One that continued from Oct. 1 to Feb. 26.

827. One in England, which lasted nine weeks.

859. Carriages were used on the Adriatic Sea.

860. The Mediterranean Sea was frozen over, and passable in carts.

908. Most of the rivers in England frozen for two months.

923. The Thames frozen 13 weeks.

987. Dec. 22, one that lasted 120 days.

998. The Thames frozen five weeks.

1035. A frost on Midsummer-day, so vehement, that the corn and fruits were destroyed.

1063. The Thames frozen 14 weeks.

1076. A frost in England, from November to April.

1114. Several bridges in England, being then of timber, broken down by a frost.

1205. A frost from January 14 to March 22.

1207. One of 15 weeks.

1234. The Mediterranean was frozen over, and the merchants passed with their merchandize in carts.

1294. The Cattegat, or sea between Norway and Denmark, was frozen; and from Oxslo, in Norway, they travelled on the ice to Jutland.

1296. The sea between Norway and the promontory of Scagemit frozen over; and from Sweden to Gothland.

1306. The Baltic was covered with ice 14 weeks, between the Danish and Swedish islands.

1323. The Baltic was passable for foot passengers and horsemen for six weeks.

1349. The sea was frozen over, and passable from Stralsund to Denmark.

1402. The Baltic was quite frozen over from Pomerania to Denmark.

1408. The sea between Gothland and Geland was frozen; and from Restock to Gezeor.

1423, 1426, and 1459. The ice bore riding on from Lubec to Prussia; and the Baltic was covered with ice from Mecklenburgh to Denmark.

1420. The sea between Constantinople and Iskodor was passable on ice.

1434. From November 24 to February 10, one in England, when the Thames was frozen below the Bridge to Gravesend.

1683. Another 13 weeks.

1709. From December to March, with heavy snows.

1716. When a fair was held on the Thames.

1739. December 24, and continued nine weeks.

1740. Feb. 2, Lough Neagh, was entirely frozen over, and the ice so hard, that many persons walked directly across the lough from Mountjoy Castle, in the county of Tyrone, to the Antrim market, a distance of 20 miles.

1747. A very severe one in Russia.

1754. Feb. 11, a fortnight in England, harder than had been witnessed for many years; the river Thames being so choaked up with ice, as to render the navigation of barges from the westward very difficult.

1763. One which lasted 94 days.

1779. One which lasted 84 days.

1784. One which lasted 89 days.

1785. One which lasted 115 days.

1788. One which lasted from November to January, 1789, when the Thames was crossed opposite the Custom-house, the Tower, Execution-dock, Putney, Brentford, &c; it was general through Europe, particularly in Holland, at the same time.

1791. Frost and snow, with hail in England, at Midsummer, and in Italy and Spain, in December following.

1796. The most severe that had been felt in the memory of man.

1814. Severe one, when booths were erected on various parts of the Thames; several contained printing-presses, the owners of which sold various brief accounts of "The Fair Frost;" interspersed with scraps of poetry. The Antiquarian Society of Newcastle recorded, that the rapid river Tyne was frozen to the depth of 20 inches.

1815. August 7, a severe frost at Quebec.

1830. Severe frost together with an exceedingly heavy fall of snow, which greatly impeded all means of conveyance both by land and water; similar weather, with even a greater degree of severity, was experienced in the south of Europe. January 18, the thermometer, on Hampstead-heath, was 22° below the freezing point.

FROZEN OCEAN. In 1636, the Russians discovered that this ocean washed and bounded the north of Asia. The first Russian ship sailed down the Lena into this sea.

FRUITS and FLOWERS. Sundry sorts before unknown, were brought into England in the reigns of Henry VII. and VIII., from about 1500 to 1578. Among others of less note, the musk and damask roses, of great use in medicine, and tulips. Several sorts of plum trees and currant plants; also saffron, woad, and other drugs, for dying, attempted to be cultivated, but without success.

FRUITERS' COMPANY, London, incorporated 1604.

FRUMENTIUS, a saint in the Roman calendar, entitled the "Apostle of

Ethiopia," was a native of Tyre, and flourished in the fourth century. He was made a bishop, and appointed on a mission to Ethiopia, in the year 331. A great number of people were converted to the christian faith, and numerous churches were established throughout the empire.

FUESSEN, peace of, between the queen of Hungary and elector of Bavaria, April 23, 1745.

FULDA, ancient principality of Germany. The greater part was formerly the estate of the celebrated and wealthy Benedictine abbey of Fulda. The town was founded in 1162. In 1802, the territory was made over to the prince of Nassau, as an indemnification; but resumed by Napoleon in 1810; in 1814, one section was given to Saxe Weimer, and the other to Hesse-Cassel.

FULLER, ANDREW, eminent non-conformist divine and theologian, born at Wicken, near Ely, in Cambridge, in 1758. In 1775, he became pastor of the congregation at Soham; removed to Kettering, in October, 1783. In 1792, he published the "Calvinistic and Socinian Systems examined and compared as to their Moral Tendency;" in 1800, the "Gospel its own Witness, or, the Holy Nature and Divine Harmony of the Christian Religion, contrasted with the Immorality and Absurdity of Deism." He died April 11, 1815. The variety and compass of his writings serve to show what native talent, sound principle, ardent zeal, and persevering application can do, unaided by the regular advantages of mental culture.

FULLER, REV. DR. THOMAS, historian and biographer, born 1606, died 1661.

FULTON, JOHN, the first person who practised steam-navigation with success, died 1815, aged 45.

FULTON, American steam vessel, destroyed at the navy-yard of New York, by the explosion of the powder on board; 22 persons were killed, and many others wounded, June 16, 1829.

FUNDS, THE PUBLIC, a term originally applied to the taxes appropriated by parliament to the support of civil government, and the payment of the principal and interest of money borrowed for public service. But the term is now more commonly used for those sums which have from time to time been lent to government, and which constitute the national debt.

The following are the principal funds or stocks forming the public debt, with the dates of their formation:—

1716. SOUTH SEA DEBT ANNUITIES, OLD and NEW, amounting to £10,144,584. Dividends on the Old South Sea Annuities payable April 5 and October 10; dividends on the rest of the company's stock payable January 5 and July 5.

1751. THREE PER CENT. CONSOLS or CONSOLIDATED ANNUITIES. When the consolidation took place, the principal of the funds, blended together, amounted to £9,137,821. Dividends payable January 5 and July 5.

1757. THREE PER CENT. REDUCED ANNUITIES amounted at the establishment of the fund to £17,571,574. Dividends payable April 5 and October 10.

1818. ANNUITIES AT 3½ PER CENT. payable April 5 and Oct. 10. The capital of this stock amounts to £12,350,802.

1824. REDUCED 3½ PER CENT. ANNUITIES payable April 5 and Oct. 10.

NEW 3½ PER CENT. ANNUITIES formed by 11 Geo. IV. c. 13, payable January 5 and July 5.

FOUR PER CENT. ANNUITIES created 1826. Dividends payable April 5 and October 10.

LONG ANNUITIES created at different periods, but they all expire together, 1860. Dividends payable April 5 and October 10.

FUR TRADE was first practised by the early French settlers at Quebec and Montreal; and consisted then, as now, in bartering fire-arms, ammunition, cloth, spirits, and other articles in de-

mand among the Indians, for beaver and other skins. In 1670, Charles II. established the Hudson's Bay Company, to which he assigned the exclusive privilege of trading with the Indians for furs.

In 1783-4, the principal traders engaged in the fur trade of Canada formed also the North-west Company. These rival companies ultimately united in 1787, under the name of the Hudson's Bay Fur Company, which at present engrosses most of the fur trade of British America.

The North American Fur Company, the leading directors of which reside in the city of New York, have long enjoyed the principal part of the Indian trade of the great lakes and the Upper Mississippi. According to Mr. M'Gregor, the value of the furs annually exported from British America, amounted, at an average of the five years ending with 1832, to about £210,000 sterling a year.

FURNIVAL'S INN SOCIETY began 1563.

FURRIERS' COMPANY, London, incorporated 1509.

FUSELI, HENRY, a distinguished painter, and accomplished scholar, a native of Zurich, was born in the year 1738. Early in life he came to seek his fortune in England. He opened his Milton Gallery about the year 1798, when the extent of his intellectual acquirements, his lofty imagination, and singular fancy, were fully appreciated. The pictures he painted for the Shakspeare Gallery are also remembered with feelings of high admiration. He died April 15, 1825, in the 87th year of his age.

G.

GABEL, in Bohemia, a large town, totally destroyed by fire, May 11, 1788.

GAETA, town in Naples, one of the strongest fortresses in Europe, was besieged in 1435, by Alphonso, king of Arragon; in 1702, it was taken by assault by the Austrians, after a siege of three months; and in 1734, by the united armies of France, Spain, and Sardinia; and lastly by the French, July 18, 1806, after a siege of five months.

GAINSBOROUGH, Lincolnshire.

The Danes under Sweyne, landed here, and Alfred the Great, in 868, celebrated his nuptials at this place. This was the birthplace of William de Gainsborough, who was bred a Franciscan friar at Oxford, and afterwards became ambassador to Edward I.

GAINSBOROUGH, THOMAS, a celebrated English painter of landscape and portrait, born 1727, died 1788.

GALATZ, or GALACZ, town in Moldavia, was taken and burned by the Russians in 1789, after a severe conflict

This town may be said to be the port of the Danube, and has recently been rapidly rising in importance. Steam vessels have been established on the Danube, from Presburg to Galacz, and thence by the Black Sea, to Constantinople and Trebizond. See DANUBE. The value of the merchandise imported into, and exported from, the port of Galacz in 1835, was, imports £254,250; exports £527,925.

GALBA, the Roman emperor, died 69, aged 73.

GALE, destructive one, off the coast of Yorkshire, Dec. 1, 1828; 13 vessels cast on shore near Filey, and eight at Whitby. Crews saved by life-boats.

GALE, REV. DR. JOHN, an eminent nonconformist writer and preacher, born in London, in 1680. In 1711, he published "Reflections on Mr. Wall's History of Infant Baptism, in several Letters to a Friend." He died in 1721, in the 42d year of his age.

GALEN, CLAUDIUS, the celebrated Greek physician, was born at Pergamus, in Asia Minor, about 131. He chiefly studied the works of Hippocrates. At Pergamus his practice was attended with extraordinary applause, but he was induced to go to Rome, where he encountered much opposition and jealousy from the physicians of that city, who adhered to the principles of the methodic sect. He died about the year 200. The best edition of his works is that printed at Basil, in 1538, and that of Venice, in 1625.

GALERIUS, the Roman emperor, died of a loathsome disease, and Maxentius ordered him to be ranked among the gods, 311.

GALICIA, a province of Spain. The name is derived from the Callaici, an ancient tribe, who resisted the Romans, and also, in 714, opposed the Moors. In 1060, this province was erected into a kingdom by Ferdinand the Great, king of Leon and Castile. In 1474, in the reign of Ferdinand V., it was made a province of Spain, retaining the title of a kingdom.

GALILEO, GALILEI, a celebrated mathematician, philosopher, and astronomer, was born in 1564, at Pisa, in Italy. Being informed in 1609, that Jansen, a Dutchman, had invented a glass which made distant objects appear as if they were near, Galileo turned his attention to the subject, and invented the

telescope. Having observed some spots in the sun's disk, in 1612, he printed an account of his discovery the following year at Rome, and ventured to assert the truth of the Copernican system. For these he was cited before the Inquisition. Again in 1632, he published at Florence his "Dialogues of the two greatest Systems of the World, the Ptolemaic and Copernican," when he was also cited before the Inquisition, and committed to the prison of that ecclesiastical court at Rome. He became totally blind in 1639, and died at Arcetti, near Florence, in January, 1642, in the 78th year of his age. Galileo was the inventor of the simple pendulum. Vincenzo, his son, first applied it to clocks at Venice in 1649.

GALL, DR., the founder of the craniological doctrine, and joint author with Spurzheim, of "The Anatomy and Physiology of the Nervous System," was born in 1758, in a village of the duchy of Baden. At Vienna he was invested with the title of doctor, in 1785, and he afterwards followed the practice of medicine there. He went to Paris in 1807, where his reputation had already preceded him. The great work of Gall and Spurzheim was published at Paris, in 1810. Dr. Gall died August 22, 1828, at his country-house, at Montrouge, near Paris, aged 71.

GALLAPAGOS ISLES, discovered in 1700; explored by Captain James Colnett in 1793.

GALLEYS, first used with three men to each oar, A.C. 786. They came originally from Corinth.

GALLIENUS, the Roman emperor, assassinated by his officers at Milan, on Feb. 21, 268, aged 50.

GALLON. The old English gallon, wine measure, contained 231 cubic inches; and the old English gallon, ale measure, contained 282 cubic inches. By the 6 Geo. 4. c. 58. s. 6. it is enacted, that after January 5, 1826; whenever any gallon measure is mentioned in any act of parliament relative to the excise, it shall be taken and deemed to be a gallon imperial standard measure; the imperial gallon shall contain 10lbs. avoirdupois weight of distilled water, weighed in air at the temperature of 62° of Fahrenheit's thermometer, the barometer being at 30 inches, or 277.274 cubic inches, and all other measures of capacity to be used, as well for wine, beer, ale, spirits, and all

sorts of liquids, as for dry goods, not measured by heaped measure, shall be derived, computed, and ascertained from such gallon; and all measures shall be taken in parts, or multiples, or certain proportions, of the said imperial standard gallon.

GALLOWAY, district in Scotland, anciently independent both of the Picts and Scots. The kings of Scotland, afterwards assumed a feudal superiority over its lords, who long disputed the claim. The lordship descended to the family of Douglas, and remained in their possession until it was forfeited by their rebellion, in 1455, against James II. It was then declared a province of Scotland. Galloway now gives the title of earl to the ancient family of Stewart, so created in 1623.

GALT, JOHN, a well-known author of various literary works, was born in 1779, at Irvine, in Scotland, was educated at Greenock, and in early life engaged in trade in London, but was unsuccessful. He then visited the south of Europe, and, after returning to England, published the result of his observations, under the title of "Voyages and Travels in the years 1809, 1810, and 1811, containing Statistical, Commercial, and Miscellaneous Observations on Gibraltar, Sardinia, Sicily, Malta, and Turkey;" and he afterwards pursued an active literary career. He published a considerable number of novels, among which are, "Lawrie Todd," "Annals of the Parish," "The Entail," "Sir Andrew Wylie," "The Provost," "Ayrshire Legatees;" various miscellaneous and biographical works, among which is the "Autobiography of John Galt, Esq." 2 vols. 1833. He died at Greenock, April 11, 1839, aged 60.

There is a thorough quaintness of phrase and dialogue in Mr. Galt's best works, which places him apart from all other Scotch novelists. Much "knowledge of life, variety of character, liveliness, and humour are displayed in these novels, and render them justly popular. His humour and truth were recognised as admirable by Sir Walter Scott."

GALVANI, LOUIS, the philosopher, who discovered the principle and gave the name to the science of galvanism, was born at Bologna in Italy, in 1737. He acquired great reputation by his inaugural thesis, "De Ossibus," in 1762; and was soon after chosen public lec-

turer in the university of Bologna, and reader in anatomy to the institute of that city. Soon after his anatomical and physiological knowledge was fully established throughout the Italian schools, a mere accident led him to that interesting discovery which will transmit his name to the latest posterity. His first publication on this discovery made its appearance in 1791. He died Nov. 5, 1798.

GALVANISM is a peculiar kind of electricity, elicited by the force of chemical action, instead of friction. The exhibition of phenomena, apparently depending on electricity, by the voluntary action of animals, in the case of the torpedo, and some other fishes, which communicate a kind of electric shock to those who touch them, had long been known, when Galvani, in 1790, observed that the contact of metals with the nerves of a frog recently killed, produced convulsive motions, which might, for some time after the death of the animal, be renewed at pleasure, by repeating the application of the metals. These singular phenomena were at first supposed to depend on some peculiar action of metals on the nerves of animals; and were regarded as constituting the foundation of a new science, to which was appropriated the appellation of Galvanism.

1800. Professor Volta, of Pavia, discovered the electric effect of certain arrangements of different metals, forming what has been since called a voltaic pile, and that of the similarity of the effect of electricity accumulated from bodies excited in the usual manner by friction, with the effect of such a pile.

Professor Volta afterwards conceived the idea of forming what may be termed a compound galvanic or voltaic circle, called the voltaic pile. It consists in arranging a number of discs of different metals, as zinc and copper, with cloth or pasteboard, soaked in some acid or saline solution between them; as thus the effect might be indefinitely augmented, according to the number and size of the discs.

1806—1820. Sir H. Davy discovered the decompositions of the alkalies and earths; also, that the chemical action of bodies upon each other may be modified or destroyed by changes in their electrical states; that substances will combine only when they are in different electrical states; and that by bringing a body

naturally positive, artificially into a negative electrical state, its usual powers of combination are altogether destroyed. By reasoning upon this general principle, Sir Humphry was led to another important discovery, that copper being a metal only weakly positive in the electro-chemical scale, he conceived that it could only act on sea-water in a positive state, and consequently that if it could be rendered slightly negative, the corroding action of sea water upon it would be destroyed. The application of these results to the preservation of the copper sheeting of ships of war and other vessels is obvious, and the experiment has been tried with the happiest effect. See further the article DAVY.

1821—1838. Numerous modifications and improvements were made in the voltaic pile. The following are some of the most recent. In 1838, a powerful battery was executed by Mr. E. M. Clarke, at the Gallery of Practical Science. Its effects are truly surprising. Cylinders of coke when placed in the circuit, produce a light so intense, that the eye cannot dwell on without pain. Copper wire of one quarter of an inch diameter is rapidly fused; but the most extraordinary fact is that, notwithstanding such intense power, the experimenter holds the conducting wires in each hand, and states that the battery gives no shocks without the aid of a coil of wire on the principle of Professor Colons.

On April 9, 1838, Professor Apjohn read a paper to the Royal Irish Academy, "On the Properties of a new Voltaic Combination," by Thomas Andrews, M.D. The object of the author in this paper is to extend the results which he has already obtained on the influence of voltaic circles upon the solution of the metals in nitric acid to the case of concentrated sulphuric acid. When a plate of zinc is heated to the temperature of 240° cent. in sulphuric acid, of the sp. gr. .847, it is dissolved with the rapid disengagement of a mixture of hydrogen and sulphureous acid gas; but when a similar plate, voltaically associated with a platina wire, is introduced into the same acid, its rate of solution is reduced to one-third of the other, no gas appears at the zinc, and sulphureous acid, almost perfectly pure, separates at the platina wire. Similar effects occur at other temperatures; but the proportion between the quantity of zinc dissolved when

alone, and when connected with platina, varies with the temperature.

1839. Mr. W. R. Grove, M.A., has constructed a small, but very powerful battery, consisting of seven liqueur-glasses, containing the bowls of common tobacco pipes; the metals, zinc, and platinum; and the electrolytes, concentrated nitric and dilute muriatic acids. This little apparatus has produced effects of decomposition, equal to the most powerful batteries of the old construction. See ELECTRICITY and ELECTRO-MAGNETISM.

GALWAY, town in Ireland. In 1296, a Franciscan monastery was founded here by William de Burgh, and in 1381, Pope Urban empowered the guardian of this house to excommunicate all Connaught men who acknowledged his rival, Clement VII.

GALWAY COLLEGE, Ireland, founded by Edward VI. 1551.

GAMA, VASCO DE, a celebrated Portuguese navigator, born at Sines, a seaport town in the province of Alentejo. He sailed on his first voyage of discovery in Africa in July, 1479; returned in September, 1499, with the loss of the majority of his crew, arising from fatigue and disease. By this voyage the practicability of a new passage to the Indies was fully established. In 1502, he undertook a second voyage, with the title of admiral of the Indian, Persian, and Arabian seas, having 20 sail of ships under his command; returned September, 1503, with great riches. In 1524, he undertook a third voyage, with the exalted rank of viceroy of the Indies. He died at Cochin, December 25, 1525, three months after his arrival.

GAMBIA, river, Western Africa, on which are several British settlements. Fort James is situated on an island about 30 miles up the river, and was formerly strongly fortified; but the French, on capturing it in 1688, destroyed the works, which have never been entirely restored. The French have a factory called Albredar, about three miles below Jillifree, which they retained possession of, in defiance of the treaty of 1783, and have retained, most unjustifiably, to the present day. The trade of the Gambia has recently suffered severely from outrages committed upon the river by a native chief, who has seized and plundered the trading vessels belonging to the merchants at Bathurst.

GAMBIER, JAMES, Baron Gambier of Iver, county of Buckingham, admiral of the fleet, and G.C.B., was born in the Bahama isles, Oct. 13, 1756. He went to sea at an early age; and in 1778, was commander of the Thunder Bomb, in which he was captured by the French fleet under count D'Estaing. He was promoted to the rank of post-captain, Oct. 9, and was engaged in repelling the French attempt upon Jersey, January 6, 1781.

1795. He was advanced to the rank of rear-admiral; vice-admiral in 1799. On April 4, 1807, (having become full admiral in 1805) he was appointed to assist in the direction of naval affairs, under Lord Mulgrave; in the following summer he was entrusted with the command of the fleet sent to demand possession of the Danish navy. For his conduct in this affair he was rewarded with a peerage, by patent dated Nov. 9, 1807. In the month of May 1808, Lord Gambier finally retired from his seat at the Admiralty. April, 1809, a detachment of his fleet attacked a French squadron in the Aix roads, and destroyed *la Ville de Varsovie* 80, *Tonnerre* 74, *Aquilon* 74, and *Calcutta* 56, besides driving several others on shore. Lord Gambier retained the command of the channel fleet until 1811. In 1814 he was placed at the head of the commissioners for concluding a peace with the United States of America. He died at his house at Iver, near Uxbridge, April 19, 1833, aged 76.

Lord Gambier was characterised by feelings of great piety and benevolence. He was president of the Church Missionary Society, and a vice-president of the Naval Charitable Marine, and other societies; and also of the Lock Hospital, the Asylum, and the African and Benevolent Institutions.

GAMBIER'S ISLANDS, a group of islands in the South Pacific Ocean, discovered in 1797, by Captain Wilson, in the *Duff*, but not particularly explored by him. They were visited about 1828, by Captain Beechey in the *Blossom*. They consist of five large islands and several smaller ones. The largest island Captain Beechey named, after the first lieutenant, *Perd* island; and the others in succession *Belcher*, *Wainwright*, *Elsion*, *Collie*, and *Marsh*, after the other officers, and the lagoon in which the ship was anchored, after herself.

GAMBOLD, JOHN, an eminent Moravian bishop, died 1771.

GAME-LAWS. In the times of the Britons, game was enjoyed in common: but when husbandry took place under the Saxon government, our royal sportsmen reserved it for their own diversion, on pain of a pecuniary forfeiture for such as interfered with their sovereign. Upon the Norman conquest, a right of pursuing and taking all beasts of chace was held to belong to the king, and to such only as were authorised by him.

In succeeding reigns various statutes were enacted for the protection of game, particularly 28 Geo. II. c. 12. About 1827, attempts were unsuccessfully made to introduce some alteration. An improvement was at length accomplished by 2 Will. IV. c. 32, October 5, 1831, allowing certain persons to deal in game by licence, provided that every person while so licensed, shall affix to some part of the outside of the front of his house, &c., a board, having thereon, in clear and legible characters, his christian name and surname; together with the words, "Licensed to deal in Game;" and every such licence, granted in the present year, shall continue in force until July 15, 1832, and in any succeeding year, for one year.

GAMING severely prohibited by various statutes. 33 Henry VIII. c. 9, prohibits to all but gentlemen, the games of tennis, tables, cards, dice, bowls, and other unlawful diversions. 23 Geo. II. c. 24, inflicts pecuniary penalties, as well upon the master of any public-house wherein servants are permitted to game, as upon the servants themselves, who are found to be gaming there. By several statutes of the reign of King George II., all private lotteries by tickets, cards, or dice, are prohibited under a penalty of £200 for him that shall erect such lotteries, and £50 a time for players. And, lastly, by 42 Geo. III. c. 119, all games or lotteries called "little-goes" are declared to be public nuisances.

GAMING-HOUSES licensed in London, in 1620.

GAMUT, in music, invented by Guido L'aretino, in 1022. See **ARETINO**.

GANDON, JOHN, an eminent Irish architect, born 1742, died 1824.

GAOL FEES, abolished by law, 1815.

GARAMOUD, CLAUDE, a French letter-founder and engraver, died 1561.

GARDA LAKE, North Italy, Lom-

hardo-Venetian territory, though not the largest, is one of the finest in Italy; it is celebrated by Virgil and Catullus, and was the scene of some of Napoleon's most brilliant exploits in 1796.

GARDENING was introduced into England, from the Netherlands, whence vegetables were imported, about 1509.

1520. The pale gooseberry, with salads, garden-roots, cabbages, &c., brought from Flanders, and hops from Artois. The damask rose brought here by Dr. Linacre, physician to Henry VIII. In 1525, pippins were brought to England by Leonard Mascall, of Plumstead in Sussex. In 1555, currants or Corinthian grapes, were first planted in England, brought from the Isle of Zante. The musk-rose, and several sorts of plums were brought from Italy by Lord Cromwell. Apricots brought here by King Henry VIII.'s gardener. In 1567, at and about Norwich, the Flemings first planted flowers, unknown in England, as gilliflowers, carnations, the Province rose, &c. In 1578, tulip-roots were first brought into England, from Vienna.

GARDENERS' COMPANY, London, incorporated in 1616.

GARDINER, COLONEL JAMES, who has been justly celebrated as sustaining, in an eminent degree, the character of a christian soldier, was born at Carriden, in Linlithgowshire, Scotland, on Jan. 10, 1688. In 1715, by the influence of Lord Stair, a captain's commission was procured for him in the regiment of dragoons commanded by Colonel Stanhope; and in the year 1717, he was advanced to the rank of major.

His life had been so eminently marked by dissipation, that multitudes envied him, and called him by a dreadful kind of compliment, "the happy rake." But in 1719, some remarkable circumstances, as related by Dr. Doddridge, produced a complete change in his character. He became an eminent christian hero. On Jan. 24, 1730, he was advanced to the rank of lieutenant-colonel; and in 1743, he received a colonel's commission over a regiment of dragoons, at the head of which he valiantly fell, covered with wounds, in the defence of his sovereign and his country, on Sept. 21, 1745, at the battle of Preston Pans.

GARDINER, STEPHEN, a prelate celebrated in British history during the reign of Queen Mary, was born at Bury St. Edmund's, in Suffolk. He took his

degree of doctor in 1520. About 1527 he was appointed chief of an embassy to Rome, to negotiate with the pope the affairs of the king's divorce from Queen Catherine. In 1531 he was consecrated bishop of Winchester. In 1538 he was sent ambassador to the German diet at Ratisbon. In 1539 he distinguished himself by his exertions to procure the act of the six articles, commonly denominated the Bloody Statute, and in 1540, he was elected chancellor of the university of Cambridge.

After the death of Henry VIII., Gardiner objected against the measures of reform which Cranmer was desirous of introducing; and on this account he was imprisoned in the Fleet, treated with much severity, and was, in consequence, deprived of his bishopric. In 1535, on the accession of Mary, he was appointed to perform the Romish obsequies for the late king, and on the following day he resumed the possession of Winchester House. He was very soon after declared chancellor of England, and the queen's prime minister. He gave full scope to his sanguinary disposition, and was even personally concerned in the most savage acts of barbarity. He died at the palace at Whitehall, Nov. 1555.

GARRICK, DAVID, the celebrated English actor, was born at Hereford, in 1716. About 1737 he entered at Lincoln's Inn, but he soon relinquished the law, with a determination of following his favourite plan of becoming an actor by profession. In 1741 he began a summer's campaign at Ipswich, and played a variety of parts with uniform success. In the same year he made his appearance in London, when he performed the part of Richard III., in Goodman's Fields. In 1742 he entered into an agreement with Fleetwood, patentee of Drury Lane, for the annual income of £500.

Having very advantageous terms offered him for performing in Dublin, he went over in June, 1742. In 1744 he made a second voyage to Dublin, and became joint manager of the theatre there with Mr. Sheridan. They met with great success; and Garrick returned to London in May, 1746, and became joint patentee of Drury Lane theatre with Mr. Lacy. On the opening of this theatre, in 1747, Garrick pronounced the admirable prologue written for the occasion by his friend Dr. Samuel Johnson. In

1765, he took a journey into France and Italy. On the death of Mr. Lacy, in 1773, the whole management of Drury Lane theatre devolved on Mr. Garrick. But in 1776, being about 60 years of age, he sold his share of the patent, and formed a resolution of quitting the stage. About a fortnight or three weeks previous to his taking his final leave, he presented the public with some of the most capital and trying characters of Shakspeare—Hamlet, Richard, and Lear. He died Jan. 20, 1779. His remains were most magnificently interred in Westminster Abbey, under the monument of Shakspeare. He was followed to the grave by persons of the first rank—by men, illustrious for genius, as well as most of the principal actors in both theatres.

GARTER, ORDER OF THE, a military order of knighthood in England, instituted by Edward III., which is the most noble and ancient of any lay order in the world. The common account of its origin is, that the countess of Salisbury, at a ball, happening to drop her garter, the king took it up, and presented it to her with these words, "Honi soit qui mal y pense;" "Evil to him that evil thinks;" a motto still borne by those who receive the favour. Camden, Fern, &c., suppose it to have been instituted on occasion of the victory obtained by Edward over the French at the battle of Cressy. In 1551, Edward VI. made some alterations in the ritual of his order: that prince composed it in Latin, the original of which is still extant in his own handwriting.

The knights companions of this order are generally princes and peers; and the king of England is the sovereign or chief of the order. The number of knights was originally 26; but six were added in 1786, on account of the increase of the royal family. Of this illustrious order there have been eight emperors of Germany, one emperor of Russia, five kings of France, three kings of Spain, one king of Arragon, seven kings of Portugal, one king of Poland, two kings of Sweden, six kings of Denmark, two kings of Naples, one king of Sicily and Jerusalem, one king of Bohemia, two kings of Scotland, five princes of Orange, and 34 foreign electors, dukes, margraves, and counts.

GARTER, PRINCIPAL KING-AT-

ARMS, an office instituted by Henry V. in 1420.

GARTH, SIR SAMUEL, an English physician and poet, took his degree of doctor of medicine on July 7, 1691. In 1693, he was admitted into the college of physicians. He died January, 1719.

GAS-LIGHT, artificial light obtained by the ignition of the gases, procured during the decomposition of pit-coal, or of vegetable or animal substances. That a permanently elastic and inflammable æriform fluid is evolved from pit-coal, was first ascertained experimentally by the Rev. Dr. Clayton, about the year 1739. About the same time Dr. Hales made various chemical experiments upon pit-coal. Dr. Watson, bishop of Llandaff, in 1767, examined the quantities of the gaseous products generated whilst distilling pit-coal; and observed that the carburetted hydrogen gas would inflame, and that its inflammable quality was retained after passing it through water, and allowing it to ascend by means of curved tubes.

But the application of coal-gas for illuminating purposes is a discovery claimed justly by Mr. Murdoch, who, in 1792, resided at Redruth, in Cornwall. He commenced a series of experiments upon the quantity and quality of the gases contained in different substances; in the course of which, he remarked that the gas obtained by distillation from coal, peat, wood, and other inflammable substances, burnt with great brilliancy upon being set fire to. He repeated his experiments in 1797, and they were continued with occasional interruptions until 1802, when the illumination of the Soho manufactory afforded an opportunity of making a public display of the new lights; and they were made to constitute a principal feature in that exhibition. Mr. F. A. Winsor exhibited the general nature of gas-light illumination at the Lyceum theatre in London, in the years 1803 and 1804; but he did not show the apparatus by means of which he obtained the coal-gas, nor explain the mode of purification which he adopted.

1805. Mr. Northern, of Leeds, called the public attention to the subject of applying coal-gas for the purpose of producing light instead of candles. About the same time Mr. Samuel Clegg, of Manchester, engineer, communicated to the Society of Arts an account of his

method of lighting up manufactories with gas, for which he received the silver medal. Mr. Murdoch, in 1808, presented the Royal Society with his account of the application of coal-gas, for which the society complimented him with Count Rumford's medal, and the light was introduced at Manchester and other places, at the same time.

In this country the gas used for illuminating purposes was generated from pit-coal till the year 1815, when Mr. J. Taylor, of Stratford, in the county of Essex, obtained a patent for procuring it from oil, as well as from bones and animal matter. His specification is given in the 163d number of the second series of the Repertory of Arts, for December, 1815.

1816. But it is the gas from coal that is most generally in use in this country, and after this period began to be generally adopted. The success which attended its introduction is unparalleled in the history of the arts.

1817 to 1820. Some important improvements were occasionally made in the construction of gas-works, and latterly, some modifications in the mode of setting retorts, &c.

1830. A great and most unnecessary expense was, till about this time, incurred in providing exterior scaffolding for the erection of chimneys to gas works. By recent practice, however, this expense has been rendered totally unnecessary. Spars are let into the interior course of the chimney, at the proper distances, for a man to mount up by, like the steps of a common ladder. The bricks and mortar are hoisted by a projecting beam with a pulley at the end of it, to the top, where the bricklayers are at work; and when the work is finished, the spars, being merely wedged into their places with loose brick, are afterwards very easily disengaged. By this simple method, a saving is effected of from £20 to £30, on the former method of outside scaffolding in the erection of a chimney of only 50 or 60 feet high.

1839. Other improvements of a minor kind have also been made. Mr. Heginbotham, of Stockport, has patented his self-acting gas apparatus. The retort, which is four feet long, produces upwards of 8000 feet in 24 hours, being three times as much as can be made upon the present system, from one retort. The gas has a superior illuminating power,

and one-third more is extracted from a given quantity of coal.

On March 27, Sir John Robinson submitted to the Society of Arts, for Scotland, a paper, pointing out the most economical mode of burning gas, by a peculiar construction of the burners, and the proper size and fitting of the chimneys, and the disuse of obscured shades. It is found to be more economical, with any burner, to burn the gas to the full height it can attain without smoking. If a small quantity of light be wanted, it is better to use a smaller burner than to reduce the flame of a larger one. The best effect of an Argand burner is attained when the holes are all of one size, so that the flame should be of an equal height all round. The paper also describes the method of burning gas in street lamps, pointed out by Sir John Robinson, and now very generally used in Edinburgh, so as to prevent the moisture from being condensed on the inside of the globes, and rendering the light obscure. The Bude Light, the invention of Mr. Goldsworthy Gurney, is produced by introducing oxygen into the interior of the flame. The oxygen strikes the nascent carbon and vapour of oil as it is distilled, and produces an intense light. The difference between that and an Argand lamp is, that one has oxygen in the interior, and the other has common air. See BUDE LIGHT.

1840. The construction of gas works on a large scale, and the carrying of pipes through the streets and into houses, &c., is very expensive, and requires a large outlay of capital. Hence, most of the gas-lights in the different towns are supplied by joint-stock companies. Many of them have turned out to be very profitable concerns. There are, at the present time, nearly 100 principal gas companies in the kingdom with about 200,000 shares.

COOKERY BY GAS. Sir John Robinson in 1838, explained to the British Association a method of generating heat by burning gas through a tube of about six inches diameter, open at the lower end, the top end being covered with a wire gauze, similar to the Davy safety-lamp. This process he had used in his own house for upwards of 11 years, and had found it completely successful; he introduced it as a substitute for coal. The wire-gauze is liable to be destroyed under a long-continued intense heat;

but this may be obviated by sprinkling a small quantity of sand upon it. In a discussion which followed, Mr. Russell observed, that for cooking small joints, the application of gas was most economical; but for cooking large joints, the direct application of coal-fuel was found to be the cheapest.

GASCOIGNE, SIR WILLIAM, judge, who committed the prince of Wales for insulting him on the bench, died 1413.

GASSENDI, PETER, an eminent French philosopher, was born at Chanterisier, near Digne in Provence, in 1592. He was the first that observed a transit of Mercury over the sun's disk, on Nov. 7, 1631. He was, in 1645, appointed royal professor of mathematics at Paris. In 1653, he published his lives of Peiresc, Copernicus, Tycho Brahé, Purbachius, and Regiomontanus. He died in 1655, aged 63. His works were collected after his death, and, accompanied with the author's life, published by Sorbierre, in six volumes folio, in 1658.

GATAKER, THOMAS, English critic and divine, born 1574, died 1654.

GATESIDE MONASTERY, Durham, founded 653.

GATTON, town and parish, England, population, 145. It was a borough by prescription, and returned two members to parliament from the year 1451, in the reign of Henry VI., until 1832, when it was disfranchised by the reform bill.

GAUDIN LIGHT. On October 19, 1838, there were exhibited before the French Academy of Sciences some experiments on a new method of illumination proposed by M. Gaudin, which is stated to be an improved modification of the splendid Drummond Light. While Drummond pours a stream of oxygen gas, through spirit of wine, upon unslaked lime, Gaudin employs a more ethereal kind of oxygen, which he conducts through burning essence of turpentine. The Drummond Light is 1500 times stronger than that of burning gas; the Gaudin Light is, we are assured by the inventor, as strong as that of the sun, or 30,000 times stronger than gas, and, of course, ten times more so than the Drummond.

GAUL, an ancient country of Europe, consisting of that part which now forms the kingdom of France. The original inhabitants were descended from the Celtes or Gomerians, by whom the greatest part of Europe was peopled.

They multiplied so rapidly, that their own country was insufficient to contain them; and they poured forth in vast multitudes into other countries, which they generally subdued.

The earliest excursion of these people was into Italy, under a celebrated leader named Bellovesus, about A.C. 622. The Romans having determined to invade the country of the Gauls, their first successful attempt was about A.C. 118, under the command of Quintus Marcius. After a series of successes on the part of the Romans, the Gauls at length ceased to be formidable to them. During his several expeditions into Gaul, Cæsar is said to have taken 800 cities, and subdued 300 different nations. The country from this period became a province of the Roman empire, till its conquest by the Franks, and the subsequent establishment of the French monarchy under Clovis. See FRANCE.

GAVESTON, PIERS, the favourite of Edward II., beheaded June 19, 1312.

GAY, JOHN, an English poet and dramatist, born at Barstaple, in 1688. In 1712 he became secretary to the duchess of Monmouth. In 1714 he accompanied the earl of Clarendon to Hanover. He published a collection of poems in 1720, by which he gained a thousand pounds. His next work was his Fables, written professedly for the instruction of the duke of Cumberland, to whom it was dedicated. In the year 1727-8, appeared his "Beggar's Opera;" the success of which was unprecedented. It was acted for 63 nights successively with unabated applause. After having undergone many vicissitudes of fortune, the duke of Queensbury took him into his house, and treated him with the greatest kindness. He died December, 1732, and was interred in Westminster Abbey.

GAZETTES, of Venetian origin, and so called from the price being a gazetta, a small piece of money. The first published in England was at Oxford, Nov. 7, 1665. The London Gazette was first published February 5, 1655-6. One was ingeniously forged for a stock-jobbing purpose, November, 1787. The first published at Paris was in 1723; at Leipsic in 1715.

GED, WILLIAM, an inventor of stereotype, died 1749.

GEDDES, DR. ALEXANDER, a learned Scots divine, born at Ruthven,

in the county of Banff, in 1737. He went to the Scots university at Paris in 1758; returned to Scotland in 1764. He began his new translation of the Bible in 1792, but it did not meet with the success it deserved. He had corrected and prepared it for the press as far as the 118th Psalm, when he was seized with a disorder, which put a period to his life February 26, 1802.

GEDDES, JAMES, a critical writer, died 1749, aged 38.

GELDERS, or GUELDERS, town in Prussia, was taken in 1702 by the king of Prussia, and in 1713, with the district, ceded by France to that monarch, in exchange for the principality of Orange. In 1757 it was taken by the French, who, in 1764, restored it, after having demolished the fortifications. In 1794 the French again became masters of Gelders, and retained it until the general pacification of Europe in 1814, when it was finally assigned to Prussia.

GELL, SIR WILLIAM, M.A., F.R.S., and F.S.A., a member of the Society of Dilettanti, formerly a fellow of Emanuel College, Cambridge, where he graduated B.A., 1798; M.A., 1804. He published many learned and valuable works: "The Topography of Troy and its Vicinity," illustrated and explained by drawings and descriptions, 1804; "The Geography and Antiquities of Ithaca," 1808, 4to.; "Pompeiana, or Observations upon the Topography, Edifices, and Ornaments of Pompeii, 1817—1819," &c. It was this work, equally beautiful and interesting, which made his name most extensively known. He received the honour of knighthood on a return from a mission to the Ionian islands, May 14, 1803. In 1820, the late Queen Caroline appointed him one of her chamberlains. He died at Naples, Feb. 3, 1836, aged 59.

GEMAPPE, or JAMAPPES, town in Belgium, celebrated as the scene of the decisive victory obtained in the revolutionary war November 6, 1792, by the French army, under Dumouriez. An action also took place here June 17, 1815, after the final defeat of the French, at Waterloo.

GEMBLOURS, or GEMBLoux, town of Belgium. The Austrians, under Buleau, were defeated by the French, at this place, in 1794, and near to this the battle of Ligny was fought between the French and Prussians, June 16, 1815.

GENERAL ANNUITY SOCIETY, incorporated 1827.

GENEROSITY, order of knighthood, in Brandenburg, began 1685.

GENEVA, city of Switzerland, capital of the canton of the same name, in the middle ages was subject to a bishop and count. The count's rights fell afterwards to the duke of Savoy; but, in 1524, Geneva city extricated itself from the ducal government. The dukes made several unsuccessful attempts to recover their power, the last of which took place in 1602. In 1603, a permanent accommodation was effected with the dukes of Savoy, and a free government guaranteed to Geneva by three mediators.

1781. A violent rupture took place, in which the oligarchy (by the aid of the French,) prevailed. A later revolution, in 1789, terminated more favourably for the people. In 1792, Geneva was incorporated with the republic of France; the city was called the capital of the department of Lemane, and in it were enacted some of the horrible scenes that at that time disgraced the name of France. December 30, 1813, Geneva capitulated to the allied armies.

1835. The jubilee of the reformation was celebrated at Geneva, August 24, with appropriate solemnity and genuine popular joy, which was not a little promoted by the presence and participation of many distinguished clergymen from Switzerland, Germany, France, England, Scotland, and even North America. A mass of at least 30,000 citizens, country people, and strangers, thronged the streets, quays, and squares of the city, without the least disorder or confusion.

GENEVA UNIVERSITY, founded in 1635.

GENGHIS KHAN, or JENGHIZ KHAN, founder of the Mogul empire, at the beginning of the 13th century, reduced under his subjection all the wandering tribes of Moguls and Tartars. He began with the superior of Hya, whose dominions he invaded in 1209, and who at last submitted to become his tributary. In the year 1216 Jenghiz Khan carried his arms westward; in 1218, with the most dreadful devastations, he subdued Karazm. In 1225 returned to Hya, where he made war with the emperor for having sheltered some of his enemies. This most cruel conqueror died in 1227, as he marched to complete the destruction of the Chinese.

GENLIS, COUNTESS DE, authoress of "Le Théâtre d'Education," died 1834, aged 84.

GENNET, order of knighthood, began in France 726; in Spain 786.

GENOA, state and city of North Italy, under the protection of the kingdom of Sardinia. The original inhabitants were the Ligurians, who were conquered by the Romans during the interval between the first and second Punic wars. After the decline of the Roman power it fell into the hands of the Lombards, and with them became subject to the Franks. After the downfall of the empire of Charlemagne, Genoa erected itself into a republic; and, until the 11th century, shared the fortunes of the cities of Lombardy. From the close of the 13th to the middle of the 15th century, the prosperity of Genoa was at its height; it then divided with Venice the commerce of Europe. These rivals becoming jealous of each other, engaged in a violent contest, which was not terminated until the peace of Turin.

1475. Mahomet wrested from them their possessions on the Black Sea, and soon after, their commercial intercourse with the Tartars of the Crimea was interrupted by the Turks. At this time the city was convulsed by discord; but in 1528 tranquillity was established, which continued until the end of the 18th century. By degrees Genoa lost her foreign possessions: Corsica last of all revolted in 1730, and in 1768 was formally ceded to France. In 1797 Buonaparte gave Genoa a new constitution, on the principles of the French representative system; two years afterwards a portion of the Genoese territory fell into the hands of the Austrians, but after the battle of Marengo returned again under the dominion of France. A provisional government was then established, and in 1802 it received a new constitution, as the Ligurian republic. In 1815 Genoa and its territories were assigned to Sardinia, with which power it still remains. Genoa is the *entrepôt* of a large extent of country, and her commerce, though inferior to what it once was, is very considerable, and has latterly been increasing.

GENS D'ARMES, order began in France 360.

GENSERIC, king of the Vandals, succeeded his brother Gonderic in his Spanish dominions in 428; put several

bishops to death 437; took Carthage, and began the Vandal kingdom in Africa 439; invaded Italy, and entered Rome 455; concluded a peace with the emperor Leo, 467; made a peace with Odoacer, king of Italy, to whom he restored Sicily, 476. The emperor Zeno likewise relinquished to him and his successors all claims to the African provinces. Genseric died in the year 477.

GENTLEMEN, the first use of the distinction, 1430.

GEOFFREY of Monmouth, an English historian, who flourished in the 13th century, made bishop of St. Asaph in 1151 or 1152, in the reign of King Stephen. The work by which he is principally known is entitled "Chronicon sive Historia Britonum;" supposed to be translated from an ancient history in the Welsh language.

GEOFFROY, STEPHEN FRANCIS, an eminent French physician and philosopher, was born at Paris in 1672. He accompanied Count de Tallard to England, in 1698, where he was made a member of the Royal Society: he was, on his return, made bachelor of medicine in 1702, and, in two years after, he was created doctor of medicine. In 1709, he was appointed by Louis XIV. to the professorship of medicine, and in 1712, professor of chemistry. He died in Jan., 1731. His greatest work was his "History of the Materia Medica," which was published in 1741.

GEOGRAPHICAL SOCIETY, ROYAL, a society for the promotion of geographical discovery instituted May, 1831. It arose out of the African Association. See **AFRICAN ASSOCIATION**. This society, which is under the patronage of the Queen's most excellent majesty and his royal highness the duke of Sussex, ever since its establishment has pursued its career of inquiry with increasing ardour to the present time. A series of reports published under its direction, commencing 1831, has continued annually, and contains an account of geographical discoveries throughout the world.

GEOGRAPHY first reduced to a regular system by Eratosthenes, who succeeded Euclid in the care of the Alexandrian library, about A. C. 220. This philosopher introduced a regular parallel of latitude, which began at the strait of Gibraltar, passed eastward through the isle of Rhodes, and so on to the moun-

tains of India, and noted on it all the principal places through which it passed. The best maps which the ancients possessed were those of Eratosthenes; but these were necessarily very inaccurate. The first who marked the situation of places by means of their latitudes and longitudes was Ptolemy, who lived A.D. 140. About 150, he composed his "Geography," his great work, being the first and only one of the kind for several ages.

Strabo has left us in his Geography an account of all the principal places in the world which were known to the ancients. He lived in the time of our Saviour, and had travelled over great part of the world. His work "De Rebus Geographicis" is justly celebrated for its purity of style, and the amazing erudition and research it displays.

We are indebted to King Alfred for the earliest accounts that can be relied on, of Denmark, Sweden, and Norway, in 890. The Portuguese by the fame of their marine discoveries, began to attract attention about the commencement of the 15th century. Assisted by the mariner's compass, which had lately been brought into use, they discovered in 1420, the islands of Madeira. They also made many important discoveries in the 14th and 15th centuries, under Vasco de Gama, and others.

The new world was discovered by Columbus in 1492. See COLUMBUS. The discovery of New Holland has been ascribed to Gonneville, in 1503; to Menezes, in 1527; and to Hartigh in 1616, who seem to have been the first that landed on the coast. Other various discoveries were made in the course of the 17th century, both by sea and land; the globe was circumnavigated, and various discoveries were made, by Spillenberger, Le Maire, Schooten, James the Hermit, Lord Anson, Byron, Bougainville, Wallis, Cartaret, Vancouver, and others. Among the numerous discoveries of Captain Cook, in his voyages round the globe, may be mentioned that of the whole eastern coast of New Holland, now called New South Wales. This navigator also examined New Zealand, (which was first visited by Tasman in 1642). The north-west coast of America, from 37° to nearly 60° N. lat. was attentively explored by J. F. G. de la Perouse, by order of the king of France, in 1785.

At the beginning of the 18th century Park commenced his discoveries in Africa, which were followed by others, See AFRICA. Other modern geographical discoveries will be found under the articles AMERICA, POLAR REGIONS, &c. These were chiefly conducted under the direction of the GEOGRAPHICAL SOCIETY, which see.

GEOLOGICAL SOCIETY arose from a comparatively trivial circumstance. A few individuals met about 1809 or 1810, in consequence of a desire of communicating to each other the result of their observations, and of examining how far the opinions maintained by the writers on geology were in conformity with the facts presented by nature. They drew up and distributed a series of inquiries, calculated to excite a greater degree of attention to this important study, and to serve as a guide to the geological traveller. The commencement of a collection was made, which soon considerably increased. Maps, plans, and sections were liberally contributed by the various members. This store rapidly increased; a library was formed; the transactions of various sittings were regularly noticed; and, in general, a short extract of the papers given in the philosophical journals. The society's first president was Mr. G. B. Greenough, whose extensive acquaintance with the phenomena of nature, both in Britain and abroad, joined with an unbounded liberality in communicating his knowledge to the lovers of science, most eminently qualified him for the chair. The first Report was published in 1811.

GEOLOGICAL SOCIETY, DUBLIN, instituted 1832.

GEOLOGY was little known as a science till the time of Werner; on the appearance of his classical work on the external characters of minerals, which was published at Leipsic in 1774, the vague terminology which had, till then, rendered description almost useless, gave way to a settled and determinate language. His theory of the earth, as opposed to Hutton's, agitated the scientific world during good part of the 18th century. The science continued to be studied chiefly in relation to cosmogony or theories of the earth till the beginning of the 19th century, and it might be considered as in its infancy, till the foundation of the Geological Society in 1811. See GEOLOGICAL SOCIETY. Since then

the cosmological schools have been fast waning away, and rapid improvements have been made in the science. The mineral super-position of England have received admirable illustration, from the sagacity of Smith, Greenough, Macculloch, Conybeare, Phillips, Buckland, De la Beche, Webster, Winch, and several other members of the London Society; Brogniart, and Von Buch have revealed many wonders in French, Swiss, and Italian geology; and the two Cuviers, Blainville, Lamarcke, and De-franee, have thrown surprising light on the zoology of fossils. By directing his profound knowledge of comparative anatomy to antediluvian osteology, Sir Everard Home has gathered fresh laurels. The joint labours of all these philosophers have been embodied, with his own unrivalled studies, in the "Ossemans Fossiles" of Baron Cuvier.

1840. Geological researches are still proceeding under the patronage of various learned bodies. The occurrence of secondary fossils in rocks of the tertiary period, and the deposition of fossil shells in vast numbers over the bed of the present ocean, from the encroachment of the sea along many parts of the English coast, were strongly urged at the Bristol meeting of the British Association, for 1838, in proof of the extreme caution which should be used in adopting the principles proposed by Mr. Lyell and the celebrated French conchologist, M. Deshayes, for determining the relative ages of the supra-crustaceous deposits, with a view to their arrangement in chronological order. The Academy of Sciences at Haarlem, therefore announced the following subject for a prize essay in 1840:—"To determine the probable extent to which the fossils of certain deposits may have become imbedded in others of more recent origin, as a consequence of the distinction of the more ancient rocks contributing to the formation of such as are of later date; also, to point out the best means for guarding against the erroneous conclusions which geologists might be led to form, from the remains of animals or plants belonging to two or more distinct periods being thus associated in the same formation." The reward offered for a satisfactory reply, written in Dutch, German, French, English, or Latin, is a gold medal of the

value of 150 florins, and the same amount in money.

GEOMETRY, first introduced into Greece by Thales, about A.C. 640. Euclid's Elements compiled, A.C. 280. Relation of the sphere and cylinder by Archimedes, about A.C. 240. Properties of the sphere, by Conon, about the same time.

A.D. 1050. Trigonometry invented by Geber ben Alpha. See **TRIGONOMETRY**.

Great improvements in the 15th century, under Purbach and Regiomontanus. Regiomontanus translated from the original Greek, the Almagest of Ptolemy, the Spherics of Menelaus and Theodosius, the Conics of Apollonius, the Cylinders of Serenus, and the works of other ancient mathematicians.

In the latter part of the 16th century flourished the celebrated Franciscus Vieta, a man profoundly skilled in the ancient geometry, and perhaps the best mathematician of the age. His Apollonius Gallus is considered as an excellent model of geometrical elegance.

One of the most accomplished geometricians of the 17th century was Christian Huygens. He determined the surfaces of spheroids and conoids. A fine specimen of the application of geometry to mechanics is found in his work entitled "Horologium Oscillatorium, sive de Motu Pendularum," &c., published at the Hague in 1658.

Sir Isaac Newton, though not confining his attention to this science, yet carried geometry to an extent hitherto unknown, and applied it successfully to other sciences. Many writings, highly beneficial to the progress of the science have been published since his time, but no new discovery has appeared.

GEORGE, PRINCE, man-of-war, burnt off Lisbon, when 435 of her crew perished, Feb. 13, 1758.

GEORGE, THE ROYAL, of 100 guns, overset at Portsmouth, by which misfortune Admiral Kempenfelt, with the crew, were lost: there were near 100 women and 200 Jews on board. An express arrived at the Admiralty with the news, Aug. 30, 1782.

GEORGE, ST., ISLAND OF, one of the Azores, captured by an expedition from Terceira, under the authority of the regency acting there for the daughter of Don Pedro, then claiming to be queen of Portugal, May 9, 1831.

GEORGE, ST., adopted by the En-

glish princes in their crusades to the Holy Land, as the patron saint of England, was a profligate fanatic of the fourth century.

GEORGE, ST., Order of, began in Venice 1200; in Carinthia 1279; in Spain 1318; in England 1349; in Austria 1470; at Rome 1496; in Genoa, time unknown.

GEORGE, ST., D'ALFAMA, order of knighthood, began 1201.

GEORGE I., Elector of Hanover, duke of Brunswick Lunenburgh, born May 28, 1660. He was proclaimed king of England, Aug. 1, 1714; crowned Oct. 20, 1714. Died on his journey to Hanover, at Osnaburgh, Sunday, June 11, 1727, of a paralytic disorder, aged 67; was buried there, and succeeded by his eldest son.

GEORGE II. born Oct. 30, 1683; created prince of Wales, Oct. 4, 1714. Married the Princess Wilhelmina Caroline Dorothea, of Brandenburg Anspach, 1704; ascended the throne June 11, 1727; died suddenly at Kensington, Oct. 25, 1760, aged 77; buried at St. George's Chapel, Windsor, and was succeeded by his grandson.

GEORGE III., eldest son of Frederick, prince of Wales, born June 4, 1738; created prince of Wales, 1751; married Sophia Charlotte, princess of Mecklenburgh Strelitz, Sept. 8, 1761; died at Windsor, Jan. 29, 1820, was buried there, and succeeded by his eldest son.

His issue was, 1. George Augustus Frederick, prince of Wales, afterwards King George IV.

2. Frederick, born Aug. 16, 1763, appointed bishop of Osnaburgh, in Germany; and created duke of York and Albany, Nov. 27, 1784; died Jan. 5, 1827.

3. William Henry, duke of Clarence, his late majesty William IV.

4. Edward, born Nov. 2, 1767, created April 23, 1799, duke of Kent and Strathern, in Great Britain, and earl of Dublin, in Ireland. Died Jan. 23, 1820.

5. Ernest Augustus, duke of Cumberland, now king of Hanover, born June 5, 1771; married Aug. 29, 1815, at Carlton House, Frederica Sophia Charlotte, daughter of Frederick V., grand duke of Mecklenburgh Strelitz. By her royal highness had Prince George Frederick, Alexander Charles Ernest Augustus, K.G., G.C.H., born at Berlin, May 27, 1819.

6. Augustus Frederick, duke of Sussex, earl of Inverness, and Baron Arklow (so created, Nov. 7, 1801); born Jan. 27, 1773.

7. Adolphus Frederick, duke of Cambridge, earl of Tipperary, and baron of Culloden (so created Nov. 27, 1801); born Feb. 24, 1774.

8. Octavius, born Feb. 1779; died May 3, 1783.

9. Alfred, born Sept. 22, 1780; died Aug. 26, 1782.

10. Charlotte Augusta Matilda (Princess Royal), born Sept. 29, 1766; married May 18, 1797, Frederick Charles William, duke of Wirtemberg; died Oct. 6, 1828.

11. Augusta Sophia, born Nov. 8, 1768, died Sept. 22, 1840.

12. Elizabeth, born May 22, 1770; died April 2, 1829.

13. Mary, born April 25, 1776; married July 22, 1816; died Nov. 30, 1834.

14. Sophia, born Nov. 3, 1777.

15. Amelia, born Aug. 7, 1783; died unmarried, Nov. 2, 1810.

GEORGE IV., eldest son of George III., born Aug. 12, 1762, created prince of Wales. Married April 8, 1795, Caroline Elizabeth, second daughter of his serene highness Charles William, duke of Brunswick. By her he had an only daughter, Charlotte Augusta, born Jan. 7, 1796; married May 2, 1816, H. R. H. Prince Leopold George Frederick, of Saxe Coburg Saalfeld, (now king of the Belgians), and died in childbed of a still born son, Nov. 6, 1817. George IV. was appointed regent 1811; succeeded his father George III., Jan. 29, 1820; died at Windsor, June 26, 1830, and was there buried.

GEORGES, chief of the Chouans, executed at Paris for a conspiracy against Buonaparte, June 26, 1804.

GEORGIA, state of North America. The first English settlement commenced in 1733, at Savannah, by General Oglethorpe, accompanied by 160 persons. The first constitution was formed in 1777, the second in 1785, and the present one in 1798.

GEORGIUM SIDUS planet, discovered March 13, 1781.

GERA, near Leipsic, in Germany, totally destroyed by a fire, Sept. 18, 1780.

GERBERT, afterwards Pope Sylvester II., introduced the Arabic figures into Europe about 1000.

GERMANICUS CÆSAR, an illustrious Roman, grand nephew of Augustus, denominated the "delight of the Roman people," at an early age was raised to the most important offices of the state. He was poisoned by Piso, and died at Antioch, about the beginning of December, in the year 19.

GERMANY was divided anciently into several independent states, which made no figure in history till A.C. 25, when they withstood the attempts of the Romans to subdue them, who conquered some parts; but by the repeated efforts of the Germans, were entirely expelled about A.D. 290.

A.D. 432. The Huns, driven from China, conquered the greatest part of this extensive country; but it was not totally subdued till Charlemagne became master of the whole, 802. See **CHARLEMAGNE**.

Germany was originally called *Allemania*, from *Alleman*, *i. e.* in German, "Every man," denoting that all nations were welcome there. Dukes being at this time made governors of those provinces, they claimed a right to sovereignty; hence came most of the sovereign princes of Germany.

814. Louis I., Charlemagne's son, was the first king that made this empire independent.

841. Till this year it continued to belong to the crown of France.

879. Charles III. was the first that added the year of our Lord to the year of his reign.

912. Conrade I. was properly the first emperor; he is deemed the first emperor of Germany freely chosen; but we have no authentic account of the electors of the empire till 1273, when Rodolph of Hapsburgh was chosen emperor by the seven electors, after an interregnum of 22 years.

999. The electors, according to some, reduced to seven.

1054. To bring in their sons successors, the emperors, in their lifetime, procured them to be elected kings of the Romans, which was a part of the sovereignty. The elective power originated by the emperors getting their last will, wherein they nominated their successors, confirmed, before their deaths, by the princes and great men.

1208. The Emperor Phillip murdered.

1258. Seven electors first appointed to choose an emperor.

1338. Aug. 8, Louis V. made the empire independent of the holy sea.

1356. Golden bulls relating to the election of the emperors established by Charles IV.

1522—1555. The reformation took place in Germany under Luther.

1689. The peace of Carlowitz, when the bounds of the German and Eastern empires were settled.

1745. Rodolph was the first emperor of the house of Austria, in which family the German empire continued till it passed into the house of Lorraine, by the marriage of the heiress of Austria, the celebrated queen of Hungary, to Francis, duke of Lorraine, who was elected emperor.

1792. March 1st, the Emperor Leopold was poisoned.

1804. The emperor of Germany assumed the title of emperor of Austria, Aug. 11th. See **AUSTRIA**.

1805. All the princes of the southern German states formed a union, called the "Confederation of the Rhine," which has since been dissolved, and succeeded by the "Germanic Confederation," instituted in 1814. Each state is represented at the general diet of Frankfort, according to its importance in the confederation; and no separate state is permitted to make war or peace without the consent of the diet.

The following is a list of the emperors of Germany, from Charlemagne, till the assumption of the title of emperor of Austria:—

Charlemagne began	800
Louis I.	814
Lothario I.	840
Louis II.	855
Charles the Bald	875
Louis III.	875
Charles the Fat.	879
Arnold	887
Guy and Lambert	891
Louis the Infant	899
Conrad I.	911
Henry the Fowler	918
Otho the Great	936
Otho II.	973
Otho III.	983
Henry II.	1002
Conrad II.	1024
Henry III.	1039
Henry IV.	1056
Henry V.	1106
Lothario II.	1125

Conrad III.	1138
Frederick I.	1152
Henry VI.	1190
Philip and Otho IV.	1198
Otho V.	1208
Frederick II.	1212
Henry VII.	1245
William.	1246
Conrad IV.	1250
Rodolphus of Hapsburgh ..	1273
Adolphus of Nassau ..	1292
Albert I. of Austria ..	1298
Henry VIII.	1309
Louis V.	1314
John and Philip the Long ..	1317
Charles IV.	1346
Wenceslaus.	1378
Frederick and Robt. Palatine	1400
Joseph of Moravia, Sigismund of Luxemburgh ..	1411
Albert of Austria ..	1437
Frederick III.	1440
Maximilian I.	1493
Charles V.	1519
Ferdinand I.	1558
Maximilian II. of Hungary ..	1564
Rodolphus II.	1576
Matthias ..	1612
Ferdinand II.	1619
Ferdinand III.	1637
Leopold I.	1658
Joseph I.	1705
Charles VI.	1711
Charles VII. of Bavaria	1742
Francis I. of Lorraine ..	1745
Joseph II.	1765
Leopold II.	1790
Francis ..	1792
who took the title of Emperor of Austria, Aug. 11th	1804

GERON, St., order of knighthood in Germany, began 1154.

GERONA, town of Spain, famous for having stood several sieges, the last by the French in 1809, when it was taken after an obstinate resistance.

GERVASE, of Canterbury, the historian, wrote in 1202.

GERVIS ABBEY, Yorkshire, founded 1145.

GESNER, CONRAD, an eminent naturalist and physician, born at Zurich in 1516, died December 13, 1565, aged 49.

GESNER, SOLOMON, the well-known author of the "Death of Abel," and several other works in the German language, was born at Zurich in 1730. He died March 2, 1787.

GHENT, town of Belgium. Charles V., emperor of Germany, was born here, but he so oppressed the inhabitants that they went over to his rival Francis I. Francis betrayed them, and Charles, regaining possession of the city, executed 30 of the principal citizens. In 1576, the famous treaty, called the pacification of Ghent, was concluded here. Ghent, was taken and retaken in the wars of 1793 and 1815.

GHERIAH, fortress, Hindoostan. It was taken possession of by the Mah-rattas, in the middle of the 17th century; and in 1707, a chief of that nation established an independent sovereignty here, and committed frequent acts of piracy. In 1765, the British attacked this fortress, dispersed the pirates, and destroyed their fleet.

GHIZNE, or GHIZNY, city, Afghanistan. A rebel governor of Khorassan, seized this city in 960, and declared himself independent of Persia. Mahmoud, the second in succession, raised this empire to the height of its glory, and obtained the title of sultan. Ghizne was invaded by a Persian army, in 1116, and its capital taken. In 1150, it was again attacked by the prince of Ghore, and the inhabitants massacred. Near this city the British army was concentrated previous to the conquest of Cabool, 1839. See CABOOL.

GIBBON, EDWARD, the historian of the Roman empire, was born at Putney, in 1737. In 1752, he entered at Magdalen College, Oxford. In 1763, he went to Paris, where he resided a few months, and afterwards spent a year at Lausanne. He visited Italy in 1765. It was on this occasion that the idea of writing the decline and fall of the Roman empire first entered his mind. When the first volume made its appearance, in 1776, it was received with enthusiastic admiration. After a lapse of a considerable interval, the second and third volumes were published. The three last volumes, chiefly composed at Lausanne, were printed in England, and published in May, 1788. He was appointed one of the lords of trade, with a salary of £700 or £800 a year; but in three years the board was abolished, and he again went to Lausanne. He continued to reside there till 1793, when the horrors of the French revolution induced him to return to England. He died in London, Jan. 16, 1794, aged 57.

GIBBS, JAMES, architect, died 1754.

GIBBS, SIR VICARY, an eminent English judge, was born 1752, died 1820.

GIBELINS, GIBBELLINS, or GHIBELINS, a celebrated faction in Italy, which asserted the emperor's right of sovereignty, in opposition to another powerful faction called the Guelphs; these two contending parties agitated the Italian states during the space of 300 years. Most authors affirm that the excommunication of the Emperor Frederick II. by Pope Gregory IX., 1240, gave birth to these rival factions; though some suppose that this event happened ten years earlier. The Gibelins being expelled Italy about the middle of the 13th century, settled at Amsterdam, where they are said to have invented the mercantile practice of re-change or re-exchange, on bills of exchange.

GIBRALTAR, an impregnable fortress at the south of Spain, but belonging to the English. In 711, the Moors, under Tarif, obtained possession of this key to South Europe, whereby their conquest of Spain was facilitated. The first regular fortifications here were constructed by the Emperor Charles V. After the breaking out of the war of the Spanish succession, 1704, the English, under Sir George Rooke, seized upon this important position. It was besieged by the Spaniards in 1705, 1708, and 1727. In 1779 operations were again commenced against this fortress, and conducted obstinately for three years; twice during this period the garrison was relieved by Admiral Rodney, and afterwards by Admiral Darby. On Sept. 13, the combined fleet and army of France and Spain (30,000) made their death grasp for the possession of this important fortress, but were repulsed by the genius and courage of the British under General Elliot. See ELLIOT.

1804. The town was nearly depopulated by a malignant fever. The fever broke out again September 29, 1828; the numbers in the hospital amounted to 533: from 12 to 17 were dying daily. Out of 1135, since the commencement of the calamity, 191 deaths had occurred. January 12, 1829, the termination of this fatal epidemic was announced by the governor.

GIESSEN, circle of the Upper Rhine, a piece of ground of 12 acres, gradually sunk, from August 13 to September 4,

1812, 15 feet, and on September 19, presented a level sheet of water.

GIFFORD, ANDREW, dissenting divine, died 1784, aged 84.

GIFFORD, JOHN, author of the "Life of Pitt," born 1758, died March 6, 1818.

GIFFORD, WILLIAM, a well-known modern writer, and late editor of the "Quarterly Review," was born at Ashburton, in Devonshire, 1756. Became Bible lecturer of Exeter College, Oxford, and in 1781, published a translation of "Juvenal." In 1794 appeared his first material work, a paraphrase of the first satire of Persius, which he called the "Baviad," and in 1795, the "Mæviad," in imitation of the tenth satire of the first book of Horace. He died in February, 1827.

GILBERT, WILLIAM, English chemist, died 1603, aged 63.

GILBERT, DAVIES, D.C.L., late president of the Royal Society from the resignation of Sir H. Davy, in 1821, to the election of the duke of Sussex in 1830. He was also a fellow of the Society of Antiquaries, and of the Royal Society of Edinburgh, and a member of the Royal Irish Academy. He died in 1839.

GIBERTINES, an order of religious, thus called from St. Gilbert of Sempringham, in the county of Lincoln, who founded it about 1148. At the dissolution there were about 25 houses of this order in England and Wales.

GILDAS, the earliest British writer now extant, was born in 520. He died at the abbey of Bangor, in 590. His chief work is entitled "Epistola de Excidio Britanniae, et Castigatione Ordinis Ecclesiastici." It was first printed by Polydore Virgil, in 1525.

GILDING with leaf gold on bole ammoniac invented by Margaritone, 1273; on wood in 1680.

GILES, HENRY, an English painter on glass, flourished 1687.

GILL, DR. JOHN, a learned non-conformist divine, was born at Kettering, Northamptonshire, in 1697. About 1716, he entered on the work of the ministry, and in 1719, took charge of the church in Horselydown, over which he was ordained pastor in the same year. In 1748, Dr. Gill published a commentary on the New Testament, in three volumes, folio. He died at Camberwell, October 14, 1771, aged 73 years. His other principal works are, "A Body of

Divinity," in three volumes, quarto; and "Cause of God and Truth," in four volumes, 8vo.; "A Treatise concerning the Prophecies of the Old Testament, respecting the Messiah;" "A Dissertation on the Antiquity of the Hebrew Language, Letters, Vowel Points, and Accents."

GILLIES, Dr. JOHN, author of the "History of Greece," born at Brechin, county of Forfar, Scotland, Jan. 18, 1747. He was educated at Glasgow, where he was chosen to teach Greek, when under 20 years of age. Lord Hope (the late James, earl of Hopetown) invited him to travel with his sons, and induced him to relinquish some honourable and lucrative literary engagements, by settling upon him, in 1777, an annuity for life. He returned in 1784, when he resumed his literary labours, and took his degree of LL.D. previously to the publication of the first part of his Grecian History. He died at Clapham, Feb. 15, 1836, aged 90. The following is a list of his principal works:—"Orations of Isocrates, and those of Lysias," translated 1778, 4to. "History of Ancient Greece, its Colonies and Conquests, from the earliest times till the division of the Macedonian Empire in the East; including the History of Philosophy, Literature, and the Fine Arts," 1786, two vols. 4to, and four vols. 8vo. "View of the Reign of Frederic II., of Prussia, with a Parallel between that Prince and Philip II. of Macedon," 1789, 8vo. "Aristotle's Ethics and Politics," 1797, two vols. 4to. "Supplement to the Analysis of Aristotle's Speculative Works," 1804, 4to. "History of the World, from Alexander to Augustus," 1807—10, two vols. 4to. "Translation of Aristotle's Rhetoric," 1823.

GILLINGWOOD, Yorkshire, burnt down, Dec. 11, 1750.

GILPIN, BERNARD, a zealous and learned reformer, born at Kentmire, in Westmoreland, in 1517. At 16 he was entered at Queen's College, Oxford. In 1541 he took his degree of M.A., and about the same time was elected fellow of his college, and admitted into holy orders. He continued his studies afterwards at Christchurch. In 1552 he was presented with a living in Durham, but soon after resigned it to spend some time abroad. He returned from the continent in 1556, when he was presented with the archdeaconry of Durham, and

the living of Easington. Upon Queen Elizabeth's recommending the establishment of free schools, Mr. Gilpin undertook to build and endow one. He died in 1583, aged 66 years.

GIPSIËS, or EGYPTIANS, quitted Egypt when attacked by the Turks, 1515, and wandered over various parts of Europe. An act passed against their itinerancy in England, 1530; expelled France, 1560, and other European kingdoms shortly after; expelled England by act passed 1563.

GIRALDUS, SYLVES. GAMB., British historian, died 1220.

GIRARDON, F., a French sculptor and architect, born 1628, died 1715.

GIRDLETS' COMPANY, London, incorporated 1448.

GIRDLENESS LIGHTHOUSE, near Aberdeen, erected 1833.

GISBOROUGH PRIORY, Yorkshire, founded 1129.

GLADIATORS, the first show of, was exhibited at Rome by M. and D. Brutus, A.U.C. 490. These sports became so common, and their consequences in a variety of respects so dangerous, that many laws were made to restrain and regulate them. Constantine the Great first prohibited the combats of gladiators in the East. The practice was continued in a degree in the West, till the time of Theodoric, king of the Ostrogoths, who abolished them finally, A.D. 500.

GLAUBER, J. K., German chemist, and inventor of the Glauber salts, died 1660.

GLASGOW, Scotland, originally a bishop's see, became an archbishopric in 1484, to which the sees of Galloway, Argyll, and the Isles were subject. The university owes its origin to W. Turnbull, bishop of Glasgow, who established here, in 1450, a professor of theology, and three of philosophy. At the request of James II., Pope Nicholas V. licensed this college as a school of theology; a new charter took place in James VI.'s reign, since which period it has steadily improved its literary and scientific reputation.

As a commercial place, Glasgow was known in 1420, when its chief export consisted of salmon. In 1546, Glasgow fitted out a fleet, and captured English vessels. In 1707, by the enactment of the legislative union, the trade of North America and the West Indies was thrown open to Scotland; and in 1718, a vessel

first sailed direct from Glasgow to America. The manufactures are of much importance. Linen was introduced in 1712, but almost superseded by cotton, the annual value of which now amounts to nearly three millions sterling. A chamber of commerce and manufactures was established here in 1783, under a royal charter. In 1812, the first steam vessel that successfully floated on any river in Europe, was launched on the Clyde, by Henry Bell, and called the Comet. In 1835, 60 steam-vessels, many exceeding 300 tons burden, traded with this port.

GLASGOW, dreadful fire at, by which 200 families were reduced to destitution, June 3, 1749; theatre burned down, Jan. 12, 1830; destructive fire, loss estimated at £150,000, Jan. 14, 1832.

GLASS. Lucretius, A.C. 50, is the earliest among the Latin authors who takes notice of glass. Nero is said to have given a sum equivalent to £50,000, for two glass cups with handles, A.D. 60. The art of glass-making was practised among the Chinese about 200; but it was unknown in Britain till towards the close of the seventh century. In 674 Benedict Biscop, abbot of Wearmouth, brought over from the continent several artificers skilled in the art of making glass, whom he employed in glazing the windows of his church and monastery. For a long time glass windows were a scarce and valuable luxury, and not brought into general use till near the conclusion of the 12th century: they were adopted first in Italy, then in France, and soon after in England.

1557. Glass was manufactured in England; was first carried on with wood; but in or about the year 1635, great improvements were made, and sea-coal, or pit-coal was substituted. In 1670 the duke of Buckingham introduced some Venetian artists into this country, by whom the manufacture of fine glass underwent some effectual improvements. Under the duke's patronage, in 1673, plates for looking-glasses and coach windows were first made, at the manufactory he had established at Lambeth. The British Plate Company was incorporated in 1773, when it erected its extensive works at Ravenhead, near St. Helen's, in Lancashire. The value of glass annually produced in Great Britain has been estimated at £2,000,000; and the workmen employed

in the different departments of the manufacture, at 50,000.

The glass manufacture has been subjected to the excise since 1746, and the trade is regulated by sundry enactments. 2 Victoria, c. 44, July 27, 1838, consolidates and amends the laws for collecting and securing the duties of excise on glass, and makes a great number of provisions for collecting these duties, and imposes many obligations on glass-makers, which they must observe, under heavy penalties, with reference to the entry of their premises, &c., and the notices to be given, and periods allowed before the different processes of the manufacture.

GLASSES, MUSICAL, are of German origin, but revived by Dr. Franklin, 1760; brought to a high state of accuracy and harmony by the Cartwrights, in England, 1799.

GLASS-SELLERS' COMPANY, London, incorporated 1664.

GLASTONBURY, Somerset, derives its chief interest from its Benedictine abbey, ascribed either to David, a British king, in the fifth century, or to Inna, king of Wessex, in 689. It was a noted abbey, and its revenues were estimated at £3508, at the dissolution of religious houses. Sixty-one abbots presided here during six centuries. The ruins of the abbey are still considerable.

GLATZ, Prussia, was at one period a lordship in the kingdom of Bohemia, subject to Austria, until 1742, when it was taken by Frederick II. of Prussia; by the Austrians in 1759, but restored in 1763; surrendered to the powers of Bavaria and Wirtemberg in 1807; but now belongs to Prussia.

GLAZIERS' COMPANY, London, incorporated 1637.

GLENBERVIE, LORD, author of law reports and other works, born 1743, died 1823.

GLENCOE, vale, Scotland, Argyllshire, celebrated in history for a cruel massacre of the Macdonalds, which took place here in 1695, by a detachment of King William's army. The laird and his followers having surrendered on the faith of a proclamation of pardon from King William III., and taken the oaths, returned home, in confidence they should have the advantage of the promised indemnity. The earl of Argyll's regiment being quartered at Glencoe, February 12, the commanding officer received orders

that at five the next morning, he should fall upon the Glencoe rebels, and destroy them; accordingly, February 13, in the morning, before it was light, a dreadful slaughter was made of the inhabitants of Glencoe. This barbarous act made a great noise all over Europe, and was looked upon as a reflection on the king himself, and commissioners were ordered to inquire into it; but parliament were contented with voting it a barbarous murder, and that the secretary of state had exceeded the instructions he received from his majesty.

GLENDALOUGH, Ireland, was chosen by St. Kevin, in the fifth century, as the site of an abbey, religious houses, &c., soon after erected into a see (now united with that of Dublin), and finally became a school of philosophy and divinity.

GLENDOWER, **OWEN**, the last of the heroic patriots of Wales, died in 1415.

GLOBE OF FIRE passed over the island of Funen, Denmark, in open day, September, 1807. A similar phenomenon was observed at the same time at Jutland.

GLORIA PATRI, the doxology of, first used 382.

GLOUCESTER, a city of England, was the *Caer Gloew* (bright city) of the ancient Britons, surrendered to the Romans, A.D. 44, and became the *Glevum*, a military station of that people. In the sixth century, after the battle of *Dirham*, this place was held by the toparchs of Wessex, but subsequently became united to Mercia. In 680, *Wulpha*, the first Christian Mercian king, founded St. Peter's monastery, and gave the name of Gloucester to the city. Gloucester was plundered and burned by the Danes in 997; in 1051 and 1053, Edward the Confessor held his court here, and so did William the Conqueror in 1084-5. The city was almost destroyed by fire during the contest between William II. and Robert of Gloucester; and in 1094, it was pillaged by the Welsh. Parliaments were held here in the reigns of Richard II. and Henry IV.; in the rebellion in Charles I.'s reign, the citizens defeated the royalists several times, and openly declared for the parliament. Charles II. remembered this fatal opposition to the royal cause, and had the walls razed to the ground immediately after his restoration.

In 1687, Gloucester was visited by James II., and in 1788, by George III.

The cathedral, one of the noblest ecclesiastical buildings in England, was anciently a conventual church, the oldest parts of which were erected in 1058, by Alfred, bishop of Worcester. Abbot Serle, who died in 1104, built the transepts; succeeding abbots made those additions which have ultimately formed so complete and admirable a whole. The total length of the cathedral is 420 feet, greatest breadth, 140; length of the lady chapel, 90 feet, breadth 30; height of the tower, 225 feet.

GLOUCESTER, HUMPHREY, DUKE OF, fourth son of Henry IV., murdered, and buried at St. Alban's, 1447.

GLOUCESTER, RICHARD, DUKE OF, brother to Edward IV., (afterwards Richard III.) murdered Edward prince of Wales, and Richard duke of York, his two nephews, in 1483.

GLOUCESTER, DUKE OF, the late, was born at Rome, January 15, 1776, and was the third child and only son of William Henry, duke of Gloucester, third son of Frederick prince of Wales. He entered the army, in 1789, was elected chancellor of the University of Cambridge on the death of the late duke of Grafton, March 26, 1811. He married the Princess Mary, the fourth daughter of King George III., July 23, 1816. He died at Bagshot Park, Nov. 30, 1834, aged 59.

GLOVER, RICHARD, the author of "Leonidas," born 1712, died 1785.

GLOVERS' COMPANY, London, incorporated 1556.

GLUKSTADT, capitulated to the allied Russians and Prussians, Jan. 6, 1814.

GLYN, COTHI LEWIS, a celebrated Welsh bard, who flourished in the reigns of Henry VI., Edward IV., Richard III., and Henry VII.

GMELIN, J. F., editor of Linnæus, born 1748, died 1805.

GNOSTICS, a sect of ancient heretics, famous from the first rise of christianity, principally in the east. Many persons were infected with the Gnostic heresy, in the first century; though the sect did not render itself conspicuous, either for number or reputation, before the time of Adrian. They corrupted the doctrine of the gospel by a profane mixture of the tenets of the oriental philosophy, concerning the origin of evil

and the creation of the world, with its divine truths.

GOA, city, Hindoostan, capital of the Portuguese possessions in India, was formerly splendid and populous, but is now almost a solitude. It was taken from the Hindoo rajahs of Bijanagur, by the sovereign of the Deccan, in 1469; and in 1510, was besieged and taken by the Portuguese general Albuquerque, who strengthened its fortifications. After the conquest of Portugal, by Philip II. of Spain, the city began to decline, and time and bad government have completed its dissolution.

GOBELINS, a celebrated manufactory, established for making tapestry, &c. at Paris. The house in which it was first carried on was built by two brothers, Gilles and Jean Gobelin; who, about 1520, introduced into that country the art of dying that beautiful scarlet colour which still goes by their name. The house was called Gobelin's Folly. In consequence of an edict published by Louis XIV. in 1667, Gobelin's Folly changed its name for that of Hotel Royal des Gobelins. The Gobelins has ever since been the first establishment of this kind in the world, producing great quantities of the finest and noblest works, and vast numbers of superior workmen.

GODDARD, JONATHAN, first promoter of the Royal Society, died 1674.

GODFREY OF BOUILLON, a prince celebrated as one of the chief leaders of the first crusade. He set out in 1096, and in June 1099 laid siege to the holy city, which, on the 15th, was taken by storm. The whole of Palestine was reduced under the power of Godfrey, who established the feudal institution in his kingdom. He died 1160. He has been celebrated by Tasso in his "Jerusalem Delivered."

GODSTOW NUNNERY, Oxfordshire, consecrated 1138.

GODWIN, earl of Kent, invaded England, 1052, in the reign of Edward the Confessor; was tried for the murder of Alfred the same year, and bought his pardon; was choked in protesting his innocence at table with the king, 1053.

GODWIN, WILLIAM, a celebrated writer, whose works, written during the French revolution, excited a lively interest all over Europe, was born at Wisbeach, in Cambridgeshire, March 3, 1756. He was sent in 1773 to the dissenting college, Hoxton. In 1782 he gave up

the office and duties of a preacher, and repaired to London, resolving to gain a livelihood and subsistence by literature alone. After the breaking out of the revolution in 1793, he published an extraordinary work called "Political Justice." The next year he published the novel of "Caleb Williams," written to exhibit "a general review of the modes of domestic despotism by which man becomes the destroyer of man." In 1797 he was united to the well-known Mary Wolstonecraft, authoress of a "Vindication of the Rights of Woman," whose independent spirit of defiance to the authority of man he ardently admired. A few months after her marriage, Mrs. Godwin died in giving birth to a daughter, widow of the poet Shelley, and authoress of "Frankenstein." The following year Mr. Godwin wrote and published the "Memoirs of Mary Wolstonecraft." His other works, published between 1799 and 1824, were very numerous. His last few years were rendered comfortable by an appointment to the sinecure office of Yeoman Usher of the Exchequer. He died April 7, 1836, in New Palace-yard, Westminster, aged 81.

GOETHE, JOHN WOLFGANG VON, the patriarch of German literature, was born at Frankfort, Aug. 28, 1749. At the age of 15, he was sent to the university of Leipsic. In 1775, he went to Weimar, on an invitation from the grand duke, whom he met travelling. Goëthe's first appearance in print was in short articles in the annuals and literary journals. His "Götz with the Iron Hand," founded on an old romance, was published with his name in 1773; his "Sorrows of Werter," in the following year, excited great attention; his two other most celebrated productions were, "Faust," and "Wilhelm Meister's Apprenticeship." He died at Weimar, in March, 1832, aged 82.

"Goëthe retained to advanced age all the powers of his comprehensive mind. He delighted to engage it with the abstrusest problems in science. Comparative anatomy, geology, botany, the theory of colours, &c., were the subjects of his earnest study, and on most of them he wrote. Few men, in the walk where Goëthe shone so conspicuously, enjoyed more happiness than he did. His superiority no one attempted to dispute; he maintained a tranquil empire over the

literature of his country, which was implicitly acquiesced in by every candidate for literary fame. In his intercourse with the world, Goëthe acted as a man of practical good sense; his enthusiasm and romanticism he reserved entirely for his productions. During the last two years of his life, and particularly since the death of his son, his spirit lost its energy, and he was but the shadow of that which he once had been."

GOGUET, A., author of the "Origin of Laws," died 1758.

GOLCONDA, a fortress of Hindoostan, a considerable depôt for diamonds, which are brought from other marts, to be polished and cut for sale by the Golconda merchants. It was formerly the capital of an extensive kingdom. In 1690 it was surrendered by treachery to the Mogul army of Aurungzebe. The deposed monarch died here in confinement in 1704. It was then governed by a Mogul officer, called the nizam, who made himself independent about the middle of the 18th century.

GOLD discovered in mines by the Spaniards in America, 1492; from which time to 1731 they imported from thence into Europe above 6000 millions of pieces of eight, exclusive of what were unregistered. Gold was discovered in Malacca, October 27, 1731; in New Andalusia, 1785; in Ireland, in the mountain called Croghaun, in Wicklow, in September, 1795; in Ceylon, 1800. From 1800 to 1810, the produce of the American mines was considerably increased; but in the last-mentioned year the contest began, which terminated in the dissolution of the connexion between Spain and the South American colonies, so that little information has been obtained. According to Mr. Jacob, the total average produce of the American mines of gold and silver, inclusive of Brazil, during the 20 years ending with 1829, may be estimated at £4,036,838.

Since 1822, the gold sand of the Urals, which formerly gave inconsiderable returns, has become so productive as to be an important object. In 1823, a commission of mines was deputed, who, in the summer, searched the whole eastern part of the Urals, and made important discoveries; so that, since that time, this production has yielded great returns. It is found in granite, quartz, and slate, dissolved by the operation of

the atmosphere. In 1823 and 1824 there was found in value, nearly 21,000,000 of rubles in banco assignations; and since then it has continued to be productive.

GOLDEN BULL, the German constitution known by this name sanctioned, and the mode of electing the emperor determined, 1356.

GOLDEN FLEECE, order of knighthood, begun in Flanders, 1492.

GOLDEN SHIELD AND THISTLE, order began 1370.

GOLDONI, CHARLES, an Italian writer of comedy, was born at Venice in 1707; he died at Paris in the year of terror, 1793, at the age of 83. His whole works were printed at Leghorn, about the years 1768 and 1791, in 31 vols. 8vo.

GOLDSMITH, OLIVER, an admired British poet, was born at Roscommon, in Ireland, in 1731; placed at Trinity College, Dublin, about 1749. After he left the college, he turned his thoughts to the study of medicine. For this purpose he was sent by his uncle to Edinburgh in 1751; but he was obliged precipitately to leave Scotland, in consequence of becoming surety for a fellow-student. After passing some time at Strasburg and Louvain, where he obtained the degree of bachelor of physic, he accompanied an English gentleman to Berne and Geneva. They disagreed in the south of France, and Goldsmith was left to contend with the hardships of indigence in a foreign country. His learning produced him an hospitable reception at most of the monasteries, and his flute made him welcome to the peasants of Flanders. Having determined to return to England, he travelled on foot, depending on his own talents for support, and arrived in London almost penniless, Feb. 1756.

In 1765 he published his "Traveller," by which his reputation was greatly increased. This was followed by his "Vicar of Wakefield," and his "History of England;" and in 1768, his "Good-natured Man" was successfully performed at Covent Garden Theatre. He now derived large profits from his writings; but he was extremely deficient in economy. In 1772 his comedy of "She Stoops to Conquer; or, the Mistakes of a Night," was performed at Covent Garden Theatre with great applause. His last publication was a "History of the Earth and Animated Nature,"

in 8 vols. 8vo. He was attacked by a nervous fever, which terminated in his dissolution, April 4, 1774. "As a man and a poet, his prevailing characteristic was simplicity. He was a studious and correct observer of nature; happy in the selection of his images, in the choice of his subjects, and in the harmony of his versification; and his 'Traveller' and 'Deserted Village' claim a place amongst the most finished pieces in the English language."

GOLDSMITHS' COMPANY, London, incorporated 1327.

GOMORRAH destroyed A.C. 1897.

GONNELLI, JOHN, the sculptor, died blind 1673.

GOOD, JOHN MASON, M.D., author of the "Study of Medicine," &c., born 1764, died 1827.

GOODIER, CAPTAIN, hanged at Bristol for the murder of his brother, Sir John Goodier, January 20, 1741.

GOODMAN'S-FIELDS THEATRE, opened 1729.

GOODWIN SANDS, a range of sand banks off the coast of the county of Kent, extending about 10 miles from a point opposite Ramsgate, to Kingsdown, at about seven miles from the shore. The erection of a safety beacon on these sands undertaken by Captain Bullock, of her majesty's steamer Boxer, was accomplished September 9, 1840, under his superintendence and that of Captain Boys, superintendent of the naval store department of Deal. The beacon consists of a column about 40 feet above the level of the sea, having cleets and ropes attached to four of its sides, with holds for hands and feet. At the summit of the column is attached a gallery of hexagon form, made of trellis work, and capable of holding 20 persons at one time. Above the gallery, and in continuation of the column, is a flagstaff 10 feet long; thus making the entire beacon 50 feet in height. The sides of the gallery are so constructed as to enable the persons in it to be covered in with sail-cloth, which is reefed in and round it, and can be used at pleasure, as also an awning to pass over it, which is fixed to the flagstaff; thus entirely protecting any unfortunate mariner who may seek shelter on the column from foul and tempestuous weather. The foundation of the column is several feet below the surface of the sand, and is secured in the centre by a stout oak platform, ex-

tending from it on either side several yards. This is secured by upwards of two tons of pig-iron ballast being lashed to it. In addition to this, eight stout iron bars, each six feet long, are driven obliquely on each quarter of the column, and two also put at a distance of 12 feet on each quarter, and chains attached to them, communicating with the upper part of the column and the gallery.

GORCUM, town of Holland. It is fortified, and possesses extensive fisheries. It capitulated to the allied Russians and Prussians, February 4, 1814.

GORDON, LORD GEORGE, tried as the instigator of "No Popery" riots, February 5, 1781, and committed to Newgate; died there, November 1, 1793.

GORDON, ALEXANDER, fourth duke of Gordon, keeper of the great seal of Scotland, chancellor of King's College, Aberdeen, hereditary keeper of Inverness castle, and F.R.S., was born June 18, 1743, and succeeded his father Aug. 5, 1752. His grace was appointed keeper of the great seal of Scotland, July 11, 1794, which office he resigned on the change of the ministry, in 1806; but he was restored April 11, 1807, and continued in it till his decease, which took place June 17, 1827, at his mansion in Mount-street, Berkeley-square, aged 84.

GOREE, island, North Atlantic ocean, off the west coast of Africa. In 1617 it was occupied by the Dutch, to whom it was ceded by Birar, king of Cape Verd. It was then fortified, yet taken in 1663, by the British, and re-taken by the Dutch two years afterwards. In 1677, it was taken by the French; surrendered to the English in 1800; recovered by the French in 1804, but again seized by the British on the following March, and finally restored to the French in 1814.

GOTHARD, MOUNT ST., Switzerland, forms a remarkable point in the Alps, and unites the Lepontine chain and that of Berne. Its highest points are covered with perpetual snow, as the Fiendo, 10,150 feet high. This group of mountains received its name from a bishop of Hildesheim, who flourished in the 12th century. It was, in 1799, the scene of several combats between the French and the united armies of Austria and Russia.

GOTHLAND, island, Sweden, in the Baltic, belonging originally to Sweden, but was taken by the Danes in 1449,

and remained in their possession until 1645, when it was restored to Sweden.

GOTHS, generally allowed to be of Scandinavian origin, and consisted of many tribes, of which the two principal were the Westrogoths, or Visigoths, and the Eastern, or Ostrogoths; the former inhabited that part of Scandinavia which borders on Denmark, the latter the more eastern parts, on the shores of the Baltic. They were not known by this name till the period of their quarrel with Caracalla, about the year 215.

222. Alexander Severus thought it expedient to promise them an annual subsidy, to prevent their disturbing the peace of the empire; notwithstanding which they broke into Mœsia, laid waste the whole province, totally destroyed the city of Istria, on the southern mouth of the Danube, and carried off a great booty.

267. The Goths ravaged Cizicum, Asia, and Achaia; but being repulsed by Athenæus, they retired into Epirus, Acarnania, and Bœotia.

376. The Goths expelled by the Huns from their settlements beyond the Danube, were permitted by Valens to settle in Thrace, whence they spread, in about two years, into Scythia and Mœsia, and advanced to the very gate of Constantinople.

436. Under Theodoric, they made war upon the Franks, took all the strong places in their neighbourhood, and besieged Narbonne.

437. Ravaged several islands, and pillaged Sicily: Aëtius defeated 8000 of them.

After the destruction of the Roman empire by the Heruli, the Ostrogoths, under their king Theodoric, became masters of the greater part of Italy, having overcome and put to death Odoacer, king of the Heruli, in 494. They retained their dominion in this country till the year 553; when they were finally conquered by Narses, the emperor Justinian's general. The Visigoths settled in Spain in the time of the Emperor Honorius, where they founded a kingdom, which continued till the country was subdued by the Saracens about 712.

GOTTENBURG, city, Sweden, was founded by Charles IX. of Sweden, when duke of Gothland, in 1607, on the island of Hisingen, but the Danes, in 1611, destroyed it. Gustavus Adolphus subsequently built the town on its pre-

sent site. It has been almost consumed by fire at different times; one of which destroyed 120 houses, Feb. 4, 1794; again, Dec. 22, 1802, which destroyed the cathedral, palace, post-office, and several public buildings, together with a fourth part of the city, to the value of about 2,000,000 dollars. Again, 1813, which consumed a great part of the town.

From the year 1808 to 1813, when British goods were excluded from the ports of the continent, Gottenburg became the depôt of English as well as Baltic articles of commerce, and rose in consequence, to considerable importance. In 1831, 529 ships, of the burden of 63,075 tons, entered Gottenburg. Of these, 68 ships, carrying 16,770 tons, were American; and 41 ships, carrying 5,131 tons, British. The rest belonged, for the most part, to Sweden, Norway, and Denmark. About 80 vessels, of the burden of 14,000 tons, belong to the port; but the native shipping is decreasing.

GOTTINGEN, city of the kingdom of Hanover. King George II., of Great Britain, founded here, in 1734, the university of Georgia Augusta, which was opened in 1735, and dedicated Sept. 17, 1737; it is at present also the national university of Brunswick and Nassau. In 1751, a royal society of sciences was established here, and remodelled in 1770. In 1829, there were 1264 students at Gottingen.

GOUGH, RICHARD, author of "Anecdotes of British Topography," &c., born 1735, died 1809.

GOUR, ancient city, Hindoostan, formerly the capital of the kingdom of Bengal. When Mahomed Bukhtyar Khillijee conquered Bengal, A.D. 1204, Gour was a place of vast extent. In 1535, the emperor Humayoon took it; since that time, it has progressively declined to its present state of desolation.

GOUTIER, JOHN and LOUIS, painters on glass, flourished in the 17th century.

GOWER, J., earliest English poet, died 1404.

GOWER, RICHARD HALL, author of "A Treatise on the Theory and Practice of Seamanship," &c., and numerous inventions and improvements in naval tactics. He turned his attention to the improvement of the log, about the

year 1788, which effected the object with much accuracy. He published a work in 1810, entitled "A Narrative of a Mode pursued by the British Government to effect Improvements in Naval Architecture." He died in 1833.

GOZZO, or Gozo, island, Mediterranean Sea, adjoining Malta, was taken by the Turks in 1551, and attacked by them in 1613 and 1709 without success; surrendered to the English 1798.

GRABE, JOHN ERNEST, Russian writer, born 1666, died 1711.

GRACCHUS, TIBERIUS and CAIUS, the Roman patriots, died in the second century before Christ.

GRADUATING ENGINE, invented by Hindley of York, about 1740. Ramsden's dividing machine received a premium from the Board of Longitude, 1774.

GRÆME, COLONEL, one of the few surviving heroic defenders of Gibraltar, under General Elliot, where he was wounded; died at Inchbrakie, September 7, 1840, aged 87.

GRAHAM, JAMES, author of a poem called the Sabbath, born at Glasgow, in April, 1765, died in 1811.

GRAHAM'S TOWN, South Africa, Cape of Good Hope, of recent origin. In 1833 it contained 700 houses, with about 3000 inhabitants, and several excellent public buildings and institutions, two public libraries, a printing office, whence was issued a well-conducted weekly newspaper. It suffered severely in the Caffre war, in 1834. The Caffres fell upon the scattered settlers, murdering them, burning their houses, destroying their crops, and carrying away their cattle. It was at one time in danger of being destroyed; but the activity of the colonial authorities ultimately suppressed this unlooked-for invasion.

GRAINGER, DR. JAMES, a physician and poet, was born at Dunse, Scotland, about 1723. He died in 1767.

GRAMMAR, or the art of speaking or writing any language with propriety, began to be studied two or three centuries before the christian era. The classical remains of Grecian and Roman literature prove that these languages had at one time attained a state of perfection which could be the result only of ages of civilization and literary culture; and it is probable that on these models the grammars of the modern European languages have been gradually

formed. About 1150, the Saxon began to take a form in which the beginning of the present English may be plainly discovered. From the time of Chaucer, who died in 1400, a rapid improvement in the grammar of the English language seems to have taken place, and particularly in the last and present centuries. During this period it has been enriched from the treasures of Greek and Roman literature; and the ingenious have imported supplies of French, Spanish, Italian, and German words, gleaned during their foreign excursions. When Johnson published his dictionary in 1755, however, our language, as to its regular grammatical construction, was still very defective. Since the time of Johnson others have ably followed in the same department, and chiefly that distinguished grammarian Murray, who in the present century has greatly enlarged and improved the grammar of Johnson.

GRAMMONT, COUNT DE, author of the "Memoirs of the Court of Charles II.," died 1707.

GRAMPOUND first returned members to parliament in the reign of Edward VI.; disfranchised in 1832, by the reform bill.

GRAN, palatinate, Austrian empire, has a citadel which has been several times in the possession of the Turks, but was wrested from them in 1683.

GRANADA, a city and province of Spain, the seat of a university founded in 1537. Here is the Alhambra, or palace of the ancient Moorish kings. See ALHAMBRA.

Granada fell into the hands of the Moors immediately after their first invasion of Spain in 711, and became their royal residence in 1013. It attained its greatest prosperity during the 12th and 13th centuries, and was finally recovered by the Spaniards in 1492. On the surrender of the Moors, religious liberty was promised to them; but in 1500, a persecution was commenced against them, and they were finally obliged to quit the kingdom, or embrace christianity. The city surrendered to the French in 1810.

GRAND ALLIANCE signed at Vienna, between England, the emperor of Germany, and the states general; to which Spain and the duke of Savoy afterwards acceded in 1689.

GRANGE, JOSEPH DE CHANCEL DE LA, a celebrated French dramatic

writer, was born in 1676, at Antoniat in Perigord. He was educated among the Jesuits at Bourdeaux, and when he was only nine years old, he composed a comedy in three acts. Before he was 16, his tragedy of "Jugartha" was represented in the capital. The work which rendered him famous, though it exposed him to much mortification and suffering, was entitled "Phillippiques," a satire in verse, directed against Philip, the regent duke of Orleans, which appeared in 1718. He died at his family seat of Antoniat in 1758.

GRANGER, REV. JAMES, author of the "Biographical History of England," died suddenly as he was administering the sacrament on Easter Sunday, 1776.

GRANITE, an immense erratic block of, was floated on the ice during the winter of 1837-8, from Finland to the island of Hochland. It weighed about 1,000,000 pounds, according to the estimate of M. de Baër.

GRANITE, ARTIFICIAL. M. D'Harcourt's patent artificial granite blocks of Scotch asphalte have been laid down on the Southampton Railway, 1839. The sleeper was put in while the block was formed. It was usual to bore holes and to fix the chains by bolts; but the above method has been equally successful.

GRANT, MRS. ANNE, an eminent modern authoress, widow of the Rev. James Grant, of Laggan in Inverness-shire, was born at Glasgow in 1755. M'Vicar, her father, who was an officer in the British army, brought her, with the rest of his family, to America, when she was about three years old. In 1768 she returned to Scotland, and was married, in 1779, to the Rev. James Grant, who died in 1801. In 1803 she removed to Stirling. A volume of poems was published, the same year; her "Letters from the Mountains," in 1806; and afterwards her "Memoirs of an American Lady," and her "Essays on the Superstitions of the Highlanders of Scotland;" all of which were favourably received. She removed to Edinburgh in 1806, where she lived much respected till her death, November 7, 1838, in her 84th year. Sir Walter Scott says, "The character and talents of Mrs. Grant have long rendered her not only a useful and estimable member of society, but one eminent for the services she

has rendered to the cause of religion, morality, knowledge, and taste."

GRANT, SIR ROBERT, governor of Bombay, a man greatly respected for his talents, his public services, his excellent and religious character, was the brother of Lord Glenelg, second son of Sir William Grant, many years M.P. for Inverness-shire, and director of the East India Company. He was called to the bar at Lincoln's Inn, January 30, 1807. He published "A Sketch of the History of the East India Company from its first Foundation to the passing of the Regulation Act of 1773," 8vo. In 1826, he was returned to parliament for the Inverness district of burghs; in 1830, for Norwich, and again in 1831. When his brother became president of the Board of Control, he was appointed one of the commissioners; in 1831, he was sworn a privy-councillor, and in 1832, appointed judge-advocate general. At the first election of the new borough of Finsbury, in 1831, he was returned as one of its members. In June, 1834, he was appointed governor of Bombay. He left the presidency in good health for the hills, June 19, 1838; was attacked by fever, and sunk under its effects, at Dapoorie, June 9, in his 53d year.

GRANTHAM, Lincolnshire, a place of high antiquity, was a Roman station, and built by Gorbomannus, A.C. 300; it was incorporated by charter, by Edward IV. in 1463. In 1642, Charles I. was here taken prisoner by the parliamentary forces, under Colonel Charles Cavendish. At the south entrance of the town is a cross, erected by Edward I., in memory of his queen, Eleanor. Here were anciently several monastic institutions; an old commandery of Knights Templars is now occupied as an inn.

GRAPES cultivated in Flanders, 1276; brought to England, and planted at Blackhall, in Suffolk, 1552.

GRASSHOPPER, sloop, driven into the Texel by the dreadful gale of December 24, 1811, and the crew made prisoners.

GRATIAN, the Roman emperor, was the son of Valentinian I., born in 359, succeeded his father in 367. Influenced by the counsel and instructions of the celebrated Ambrose, he continued for some length of time to attend to the defence and concerns of the empire. He was put to death in 383, in the 24th year of his age, and the eighth of his reign.

GRATTAN, HENRY, celebrated Irish orator and statesman, born 1750, died 1820, and was interred in Westminster Abbey.

GRAVELINES, town, France. A French army was defeated near this place in 1556, by the Spaniards; but in 1658 the French took forcible possession of it, and have retained it ever since.

GRAVES, REV. RICHARD, author of the "Spiritual Quixote," &c., died Nov. 23, 1804, aged 90.

GRAVESANDE, the Dutch mathematician, born 1688, died 1742.

GRAVESEND, town of Kent, on the banks of the Thames, was plundered and burned by the French and Spaniards, in the reign of Richard II. To compensate in some measure for this loss, the king, at the request of the abbot of St. Maryle Grace, vested it with the exclusive privilege of carrying passengers by water to London; which was confirmed by Henry VIII. In August, 1727, the greater part of the town was destroyed by fire. The new pier was injured by a mob, Jan. 22, 1833, opened to the public, July 30, 1834.

GRAY, THOMAS, admired British poet, born at London, in 1716. He accompanied Mr. Walpole in his travels; and about 1750, finished his celebrated "Elegy, written in a Country Church-yard," and communicated it to Mr. Walpole, who promoted its immediate publication. From the year 1759 to 1762, Mr. Gray resided in London, for the purpose of consulting the curious MSS. in the British Museum. On the death of Cibber, in 1757, he was offered the post of poet laureate, which he declined. The professorship of modern history at Cambridge, worth £400 per annum, was conferred on him in 1768, by the Duke of Grafton. Gray returned the favour by an Ode to Music, for the installation of that nobleman, as Chancellor of the University, in 1769. He died July 30, 1770, in the 55th year of his age.

GREAT BRITAIN. See BRITAIN.

GREAT SEAL of England first used 1050; stolen from the Lord Chancellor and destroyed, March 24, 1784.

GREAT WESTERN, large steam ship, arrived at New York, from Bristol, after a passage of 15 days, June 17, 1838. It was the first steamer which has crossed the Atlantic by the power of steam only; but it was followed on the 18th by the "Sirius," which left Cork June 1, and

performed the passage in 17 days. Both were welcomed with much enthusiasm, and on their departure were saluted with guns from the shipping and the shore.

GREAVES, JOHN, English mathematician, born 1602, died 1652.

GREECE, one of the most celebrated countries of antiquity, was anciently bounded on the north by Macedonia and Epirus, and by the sea on the south, east, and west. Its ancient history has been divided into four periods:

The first, commencing with the foundation of Sicyon, A.C. 2089, extends to the siege of Troy, A.C. 1184, a period of 905 years. This was properly the infancy of Greece.

The second, beginning with the siege of Troy, terminates with the battle of Marathon, A.C. 490, including a period of 694 years.

The third period comprehends an interval of 167 years, between the battle of Marathon and the death of Alexander, A.C. 323.

The fourth period, commencing with the death of Alexander, terminates A.C. 146, when the Achæan league was dissolved, and Greece became a Roman province, under the name of Achaia, an interval of 177 years. Its history from this period is connected with that of Rome.

The Greeks, now unhappily under a foreign yoke, and consequently deprived of their national charter, yet retained, amidst all their calamities the strength of genius and delicacy of taste for which they had ever been remarkable; and they helped to polish their haughty and as yet but half civilized conquerors. Upon the destruction of the western empire, 476, they successfully cultivated the arts and sciences, while all the rest of the world was sunk in the grossest ignorance and barbarism. Greece remained under the eastern emperors until the establishment of the Ottoman power in Europe, in 1458, when it became a province of Turkey, and for four centuries writhed beneath the miseries of Mahometan misrule.

1821. Commencement of the Greek revolt, when the Greeks rose *en masse*, and asserted their independence. This declaration was succeeded by one of the most cruel and bloody conflicts recorded in history. The revolt began in Wallachia and Moldavia, and was followed by the occupation of Thebes, and the surrender

of Malvasia, Navarino, and Tripolizza, to the Greeks, Oct. 7. On this latter occasion, that animosity which generally inflames the victorious assailant, was aggravated by the accumulated oppressions of centuries, and by recent atrocities on the part of the infidels, of so dreadful a cast, that they seemed to cry aloud for retribution and vengeance. The Arcadian peasants showed themselves both cruel and relentless towards their fallen oppressors. About 6000 Turks are said to have perished, and some thousands were made prisoners, while numbers escaped to the mountains.

1822. A provisional government having been formed the assemblage of a congress at Epidaurus took place, and a declaration of independence was sent forth on the 1st January. The draft of a constitution was presented at the same time; yet, as the various articles required examination and discussion, it was not promulgated till the 27th, when the code passed into a law, and was solemnly proclaimed amidst the acclamations of the deputies, soldiery, and people. The principal events of this campaign were the capture of Corinth, Feb. 26th, the desolation of Scio, and the massacre of its ill-fated inhabitants, in April, by the Turks. See SCIO.

1823. Capture of Napoli di Romania January 11th. In this second campaign in the Morea, the loss of the Turks by famine or sword, could not be less than 25,000 men in the Peloponnesus alone. Meeting of congress commenced April 10th, when the following oath was administered to each member: "I swear in the name of God and my country to act with a pure and unshaken patriotism; to promote a sincere union, and abjure every thought of personal interest in all the discussions which shall take place in this second national congress." The congress then proceeded to nominate a president in the person of Mavromichalis and revised the constitution. The seat of government was established at Tripolizza.

1824. The most disastrous event which took place in this campaign was the capture of Ipsara by the Turks, under the command of the captain pacha, July 2. Although the operations of this campaign were not on the same scale of magnitude with the former ones, yet the results were, on the whole, greatly in favour of Greece, and extremely discouraging to the Ottoman Porte.

1825. Expedition against the Morea, from the shores of Africa, under Ibrahim Pacha, the son of Mohammed Ali, landed at Modon. On May 17, the Greek fleet, under Miaouli, obtained a victory over the Egyptian fleet, near the isles of Sapienza. Six fire-ships, directed by artificers, fell on part of the enemy's fleet which was at anchor under the walls of Modon. One frigate of fifty-four guns, one of 36, two corvettes of 26, and 20 transports, were completely burnt. Investment of Messolonghi.

1826. Fall of Messolonghi, April 22. See MESSOLONGHI. The Greek loan, to the extent of £2,000,000, negotiated in London through the agency of the Messrs. Ricardo, owing to the mismanagement of those who had assumed the control of it, proved of little use. Nine-tenths of this sum never came into the hands of the Greeks; but they were told it was expended, and all they had received in return were a sixty-gun frigate, and a miserable steam boat, both of which arrived too late to be useful, when punctuality in point of time was essential to their value.

1827. Success of the Greeks in Livadia. Arrival of Lord Cochrane at Paris. General national assembly convened, in the beginning of April. By one of their first acts, they appointed the Count Capo D'Istria president of Greece for seven years, with the power and prerogatives of the president of the United States. Lord Cochrane was named commander in chief of the Greek fleet. Unsuccessful attempt to relieve Athens, under General Church and Lord Cochrane, in May. In this battle was dispersed the most promising army that Greece had yet brought into the field. No command could keep the remaining troops together. Most of them left the camp, and fled to Eleüsis, Megara, and Salamis. This was followed by the evacuation of the Acropolis.

1827. Interference of the European cabinets. In pursuance of their agreement, the ministers of Britain, France, and Russia, at Constantinople, laid before the Porte the proposals of these powers for the pacification of Greece. Armistice of fifteen days. Arrival of the Egyptian Fleet at Navarino in the end of August. The British squadron, under the command of Admiral Codrington, was off that harbour when it appeared. The French squadron joined

on the 22d under Admiral De Rigny. Armistice of twenty days. Battle of Navarino 20th October. See **NAVARINO**.

1828. February. The national assembly convoked by the senate. The existing legislative power dissolved. The Panhellenion, or grand council of state for the government of Greece, established by decree. Convention for the departure of the Egyptian army from the Morea. French expedition to reduce Navarino, &c. The fortresses surrendered by the Turks. Capo D'Istria's return as president. See **CAPO D'ISTRIA**.

1829. Negotiations relative to Greece between the ambassadors at the Porte and the Reis Effendi. Surrender of Vonizza, and of the Turks at Carvassara, Lepanto, &c. Conference and declaration on the part of the allies. Capo D'Istria objects to the suspension of hostilities.

1830. The sovereignty of Greece offered, first to Prince John of Saxony, afterwards to Prince Leopold of Cobourg. Leopold ultimately declined the offer.

1831. Unpopularity of the president Capo D'Istria, and insurrection. The provisional government attempted to seize the fleet at Poros. Poros attacked by the Russian troops; Hydra destroyed by Capo D'Istria's troops; the Russian fleet attacked by the Hydriots. Capo D'Istria assassinated, and his brother Augustine placed at the head of a committee of government.

1832. Schism in the national assembly. Augustine Capo D'Istria was impeached. The seceding members formed a counter assembly and overturned the government. Prince Otho of Bavaria was chosen king.

1833. At the beginning of this year, Prince Otho landed at Nauplia, attended by a body of troops. He was received with all due marks of respect and obedience, announced himself to his subjects by proclamation, in which, after eulogising the mighty sacrifices they had made in the cause of independence, and painting the anarchy which immediately followed, to prevent the fruits of that independence from being reaped, he called upon them to combine their efforts with his, to the sole end of promoting the public good. The government occupied itself in disbanding the irregular troops, which threw loose numbers of men, ready to join any

mal-content chief, or form themselves into bands for purposes of plunder. They entered the Turkish town of Arta, during the night of May 25, and immediately began slaughtering the inhabitants, setting their houses on fire, or plundering them. The massacre lasted three days, after which the band, laden with booty, returned to the mountains. The government of Napoli immediately marched troops for the tranquillity and protection of the frontier. The kingdom was divided into 10 departments, and each department into districts. The departments were, 1. Argolis and Corinth; 2. Achaia and Elis; 3. Messene; 4. Arcadia; 5. Laconia; 6. Acarnania and Etolia; 7. Locris and Phocia; 8. Attica and Bœotia; 9. Eubœa; 10. the Cyclades. The local government of each department was vested in a nomarch, assisted by a council; and at the head of each circle or district into which they were subdivided, was placed an eparch, with a distinct board. An application for repayment of the Greek loans was rejected.

1834. Greece suffered the evils both of civil war and of political intrigue. By the 10th article of the convention relative to the sovereignty of Greece, it was provided that the rights of the sovereignty of King Otho, should, during his minority, "be exercised in their full extent by a regency, composed of three councillors, appointed by the king of Bavaria." Count Armansperg, a Bavarian nobleman, was appointed president. This occasioned disputes in the regency, and intrigues against the president. Insurrections in the Morea; trial of Colotroni and Coliopolas for high-treason; their sentence commuted for imprisonment. Mavrocordati sent to Berlin; Coletti appointed president of the council.

1835. State of government transferred from Napoli to Athens. Operations against the disaffected in Messenia. The regency terminated by King Otho's coming of age. Armansperg made arch-secretary of state. Discontents among the Greeks, and hostility towards the Bavarian soldiery.

1836. Greek loan guaranteed by Great Britain, France, and Russia. The Greek language to be used for public documents. King Otho married the princess of Oldenburgh.

1837. Establishment of departmental councils. Dismissal of Count Arman-

sperg; appointment of M. Rudhart; dispute between Sir E. Lyons and M. Rudhart. Restoration of the city of Athens.

1838. Hitherto King Otho's government had been maintained by a large body of German employées, civil as well as military. But this year to the great satisfaction of the people, the administration of strangers, or the xenocracy, as the Greeks termed it, ceased, for the present, to exist. At the beginning of this year the principal departments of the government stood as follows. In the first place, came the cabinet, divided into six departments. There were besides, a council of state of 38 members; an ecclesiastical synod; the royal household; the high administrative commission, or board of control, which seems to exercise a superintendence over the entire administration of the state; 10 courts of first instance; two superior courts at Athens and Napoli, besides the Areopagus, or supreme court; three tribunals of commerce at Napoli, Syra, and Patras; the mint; 25 colleges; 111 secondary schools; five gymnasias; a normal school, and a university.

Changes have also taken place in the geographical divisions of Greece. The kingdom was after various alterations at length divided into 30 departments, which were again subdivided into districts, and demi, or communes, which were furnished with a large staff of municipal officers. The navy of Greece consisted of one 20-gun corvette, and about 20 smaller vessels, mounting, in the whole, 170 guns. The army was composed of 2744 officers of all ranks, and 9099 non-commissioned officers and soldiers. The revenue by which these expensive establishments are to be supported, amounted to 14,911,910 drachmas, about 13,400,000 francs.

Greece, considered as a free state, has been contracted in extent since its ancient boundaries, in consequence of the reverses sustained by the national arms, and the treaty concluded by the European powers, and includes only a small portion of what was formerly considered as Greece. Bounded on the south by a line nearly from the gulf of Volo to that of Arta, it excludes the extensive and populous territories of Thessaly, Macedonia, and Albania. The population is estimated at about 700,000. Commerce is pursued with activity; from a report presented to the congress at

Napoli, in January, 1832, Greece was at that time possessed of 2941 vessels of all sorts, of which 614 were of the first class, that is, of more than 150 tons burden.

The number of vessels, their tonnage, and the invoice value of their cargoes, which entered inwards and cleared outwards, at the principal ports within the consulate of the Morea, viz., Patras and Napoli, in the year 1834, were as follows:—Port of Napoli, inwards, 233 ships; tons, 2515; value, £63,543:—outwards, 716 ships; tons, 1222; value, £25,296. Port of Patras, inwards, 426 ships; tons, 18,842; value, £92,225:—outwards, 404 ships; tons, 17,911; value, £130,816. The number and tonnage of British vessels which entered and cleared at the port of Syra, in 1835, were:—Entered, ships, 58; tons, 8392; cleared, ships, 58; tons, 8339.

GREENACRE, JAMES, and Sarah Gale, tried for the murder of Hannah Brown, at the Central Criminal Court, April 10, 1837. Greenacre was sentenced to be executed, and Gale, who was convicted, not of the murder, but of felony, or of being an accessory after the fact, to be transported for life. This case was productive of considerable excitement on the part of the public, from the singular atrocity of the circumstances connected with it. In the early part of the year, the head and mutilated remains of a female having been discovered in the Regent's Canal, and in different parts of London, great efforts were made, for some time without success, to discover the supposed murderer. The mutilated body was at last identified as that of a female whom Greenacre had intended to marry; and on his apprehension, he confessed that he had killed her, by what he termed an accidental blow, given in passion, and had disposed of the body in fragments to conceal the murder. Greenacre was executed May 2.

GREEN CASTLE, Ireland, province of Ulster, was anciently a stronghold, and fortified by the De Burgos, earls of Ulster, and lords of Connaught. In 1343, this castle was plundered by the Irish, but soon afterwards repaired. In the first year of Henry IV. it was governed by a constable, with a salary of £20 per annum, to secure the intercourse with the English in Lecale. In 1495, an act of parliament was passed, declaring none but an Englishman by birth eligi-

ble to the governorship; and in the rebellion of 1641 it was garrisoned, and found of much importance.

GREEN DYE, for cotton, invented by Dr. R. Williams, 1777.

GREEN SAXON DYE, invented 1744.

GREENE, DR. MAURICE, English musician, died 1755.

GREENFIELD MONASTERY, built 1131.

GREENLAND, country, North America, belonging to Denmark. It is not yet perfectly ascertained whether it be an island, or connected with the continent of North America, but from Captain Parry's expedition in 1819, its disjunction from the continent is strongly inferred. Greenland was settled about 1015, by two colonies from Norway and Denmark, of which the one occupied the east and the other the west coast.

EAST GREENLAND was neglected by the mother country, from the year 1408, and being engaged in continual hostilities with the Esquimaux, it is supposed to have been gradually extirpated. It consisted in 1406, of 190 villages, and had a bishop, 12 parishes, and two monasteries; and up to that time 16 bishops had been sent out in regular succession from Norway. Attempts made in the 16th and 17th centuries to land on the east coast proved abortive, as did a similar effort in 1786, by the Danes. Captain Scoresby, in 1822, found the east coast free from ice; he sailed along, and carefully examined it from lat. 75° N. to 69° N.; he found no inhabitants, but several houses remained, containing household utensils and hunting apparatus, and one wooden coffin. In March, 1829, an expedition was sent by the Danish government, consisting of M. Graah, who, accompanied by two Greenland men and four Greenland women, explored the coast in one of their frail boats. On July 28, he had advanced as far as an island situated in lat. 65° 18' and long. 38° 27' W. from Greenland. On Oct. 1, he arrived at Nugarbik, lat. 63° 22' where he took up his winter quarters, and sent home a detail of his enterprise, dated April 2, 1830. Having advanced beyond the latitude ascribed to this ancient colony without discovering the least trace of it, it is concluded that the former colonists must be extinct.

WEST GREENLAND was cut off in the middle of the 14th century from its

usual intercourse with Norway and Iceland by a dreadful plague, called the Black Death. In the reign of Elizabeth this coast was again discovered, but nothing was done to explore it until the Danish government, in 1721, assisted a clergyman, Hans Egede, to effect a settlement, Good Hope (Godhaab), on the river Baal: he found the people to resemble the Esquimaux of Labrador in customs and language. In 1733, the Moravians established settlements and missions on these inhospitable shores; and these continue there to the present day.

GREENLAND COMPANY was incorporated for 14 years from Oct. 1, 1693, 4 and 5 Will. III. cap. 17, and further encouraged by parliament, in 1696; but partly by unskilful management, and partly by real losses, it was under the necessity of entirely breaking up, before the expiration of the term assigned to it, ending in 1707.

GREENOCK, seaport, Scotland, on the south shore of the estuary of the river Clyde, was erected into a burgh of barony by Charles I., in 1642. The old harbour, begun to be built in 1707, contains about 10 acres. These are inclosed within two circular quays, in the middle of which is another quay built in 1712, projecting like a tongue. In 1801 and 1803, acts of parliament were obtained for enlarging and improving the harbour. In 1827, "Shaw's Water Company" was established with a capital of £31,000, the object of which was to collect the water from numerous mountain streams into a spacious reservoir or artificial lake on the heights above the town. This design succeeded admirably. In 1835, the dam of the reservoir burst and the disruption was attended with the loss of 30 lives, and the destruction of houses and other property to a considerable amount.

GREENOCK BANK, robbery of property to the value of £30,000, May 9, 1828.

GREENWICH, town, Kent. There was a royal residence here in the time of Edward I., and in 1433 Henry VI. granted the manor of East Greenwich to his uncle Humphrey, duke of Gloucester, who built himself a palace called Placentia, and commenced the erection of a tower on Greenwich hill, which was completed by Henry VII., the site of which is now occupied by the royal

observatory. Henry VIII. was born here, and also his daughters Mary and Elizabeth. Here also occurred the death of Edward VI. At this palace Elizabeth frequently held her court, and also James I. and Charles I. Charles II. enlarged and planted the park, and gave directions for building a magnificent palace from a design of Inigo Jones. This edifice was not finished until the reign of Anne, and was then converted by grant from William III. into a royal hospital for disabled seamen.

GREENWICH HOSPITAL was completed by Sir Christopher Wren, and stands on an elevated terrace, about 865 feet in length, fronting the Thames. In the centre of the grand square stands a statue of George II., erected in 1735. Since the year 1712, a contribution of sixpence a month has been levied on the wages of every British mariner, towards the support of the hospital. The government is vested in seven commissioners, incorporated by royal charter in 1775. The principal officers are a governor and lieutenant-governor, four captains, eight lieutenants, a treasurer, a secretary, an auditor, two chaplains, a physician, a surgeon, &c. The number of pensioners is 2360. In 1763 a detached hospital was erected for the sick pensioners, and in 1783, a school-house was founded. This hospital was visited October 11, 1835, by his late majesty William IV. and his queen, this being the anniversary of the great naval victory achieved Oct. 11, 1797, off Camperdown. They proceeded in state to the chapel for the purpose of hearing prayers, accompanied by Prince George of Cumberland, and attended by the royal suite. Those pensioners who had served under Admiral Duncan, Oct. 11, 1797, were conspicuously placed by themselves in a situation opposite to the royal pew.

GREENWICH ROYAL OBSERVATORY was founded by Charles II., and completed in 1676; it is amply furnished with mathematical, chronometrical, and optical instruments, and is under the direction of the astronomer royal. The first who held this office was Flamsteed, and he has been succeeded by Halley, Bliss, Bradley, Maskelyne, Pond, &c.

GREENWICH RAILWAY, opened throughout its entire length December 26, 1838.

GREGORY, NAZIANZEN, one of the most illustrious fathers of the Greek

church in the fourth age. About 378, he was deputed, on account of his great learning, to go to Constantinople to assist in defending the Catholic cause against the Arians. Upon his return to his native country, he was importuned to undertake the charge of the see of Nazianzen, but he could not be prevailed upon to quit his retirement, where he died in the year 389. His works consist of Sermons, Letters, and Poems; the best edition of them was published by Morel, in two volumes, folio, at Paris, 1609.

GREGORY, NYSSEN, a saint and father of the church, was born in Cappadocia about 331. He was chosen bishop of Nyssa in 372, and banished by the Emperor Valens for adhering to the council of Nice. In 378, he was present at the synod held at Antioch. In 381, he was summoned to the council that met at Constantinople, and to him was confided the task of drawing up a creed, which was adopted, and is now called the Nicene Creed. He was also present at the synod held at Constantinople in the year 394. He died in 396. His chief works are, "Commentaries on the Scriptures;" "Sermons on the Mysteries;" "Moral Discourses;" "Panegyrics on the Saints;" and "Letters on Church Discipline."

GREGORY, GEORGE FLORENCE, commonly called Gregory of Tours, was born about the year 544. He was elected bishop of Tours, in 573. In 594, he took a journey to Rome, to visit the tombs of the apostles, and to pay his respects to Pope Gregory the Great, who received him with extraordinary marks of esteem. He died soon after his return to his diocese, in 595, in his 52d year. He was author of "The History of France;" "The Lives of the Saints;" "Fragments of a Commentary on the Psalms," and other pieces. The best edition of his works is that published at Paris in 1699.

GREGORY VII., POPE, by his talents, raised the Roman see to the highest pitch of power. His original name was Hildebrand. By Leo IX. he was created sub-deacon, and by Nicholas II., arch-deacon of the Roman church; by these pontiffs, and by some others, he was successfully employed in several negotiations. He was elected pope in 1073, upon the death of Alexander. While they were performing the obsequies of Alexander in the Lateran church, on the

day after his death, the assembled people tumultuously cried out with one voice, "Hildebrand is pope; St. Peter has chosen him:" upon which he was immediately laid hold of, and placed by force upon the pontifical throne. In his pontificate he assumed great authority over the crowned heads of Europe, and claimed the exclusive right of creating kings; these pretensions he particularly enforced in the kingdoms of Hungary and Bohemia, the latter of which he obliged to pay a tribute to the holy see. He died at Salerno, in 1085, having held the see of Rome little more than 12 years, and leaving Europe involved in complicated calamities to which his ambition gave rise.

"He was," says Mosheim, "a man of uncommon genius, whose ambition in forming the most arduous projects, was equalled by his dexterity in bringing them into execution; sagacious, crafty, and intrepid, nothing could escape his penetration, defeat his stratagems, or daunt his courage; haughty and arrogant beyond all measure, obstinate, impetuous, and untractable, he looked up to the summit of universal empire with a wistful eye, and laboured up the steep ascent with uninterrupted ardour and invincible perseverance: void of all principle, and destitute of every pious and virtuous feeling, he suffered little restraint in his audacious pursuits from the dictates of religion, or the remonstrances of conscience."

GREGORY XVI., a title assumed by the present pope, Cardinal Mauro Cappellari, elected to the papal throne, Feb. 2, 1831.

GREGORY, JAMES, an eminent mathematician, was born at Aberdeen, in 1638. He published, in 1663, a treatise entitled, "Optica Promota," &c., in which he presented to the world one of the most valuable of the modern discoveries, the construction of the reflecting telescope. His works engaged the notice, and procured Mr. Gregory the correspondence, of the greatest mathematicians of the age—Newton, Huygens, Halley, and Wallis. About 1669 he was chosen a fellow of the Royal Society of London. In October, 1675, being employed in showing the satellites of Jupiter, through a telescope, to some of his pupils, he was suddenly struck with blindness, and died a few days after, at the early age of 37.

GREGORY, DAVID, nephew of James

Gregory, was born at Aberdeen, in 1661. He saw very early the excellence of the Newtonian philosophy, and had the merit of being the first who introduced it into the schools by his public lectures at Edinburgh. He died in 1710, in the 49th year of his age.

GREGORY, DR. JOHN, an eminent physician, was born at Aberdeen, in 1724. In 1743 he went to Edinburgh, where the school of medicine was then rising to celerity. He removed to the metropolis in 1754; and being already known by reputation as a man of genius, he found an easy introduction to many persons of distinction. In 1754 he was chosen fellow of the Royal Society; in 1755 he obtained the professorship of medicine, in King's College, Aberdeen; and in 1766, on the resignation of Dr. Rutherford, was called to the professional chair, in Edinburgh, where he gave lectures on the practice of physic, during the years 1767, 1768, and 1769. He died Feb. 9, 1773.

GRENADA, or GRANADA, island, West Indies, the last of the Windward Caribbees, was discovered by Columbus in 1498; seized and settled by the French in 1650, who exterminated the natives. It fell into the possession of the British in 1762, and was confirmed to them by treaty, in 1763. The French, in 1779, wrested it from its owners, but restored it at the peace in 1783; and it has remained since then in British possession.

GRENOBLE, city, France, department Isere, of Gallic origin. In the time of the Allobroges it was called Calaro, which name it retained under the Romans, until Gratian changed it into Gratianopolis. It has been the see of a bishop since the fourth century. Grenoble was the first city of importance that opened its gates to Napoleon, on his return to France from Elba, in March, 1815.

GRENVILLE, THE RIGHT HON. WILLIAM WYNDHAM, BARON, was born Oct. 25, 1759, and was the third son of the Right Hon. George Grenville, prime minister in 1763. He received his early education at Eton, and then removed to Christchurch, Oxford. In Feb. 1782, he was first returned to Parliament; he was elected Speaker of the House of Commons, Jan. 5, 1789, and was removed to the House of Lords by a patent of peerage, dated Nov. 25, 1790, and thenceforward became the representative and echo of Mr. Pitt, in the upper house. In 1791 he was appointed

ranger of St. James's and Hyde Parks, which post he exchanged, in 1795, for the office of auditor of the exchequer. He filled the important situation of foreign secretary during one of the most arduous and gloomy periods of our history.

1804. Mr. Pitt took his seat as First Lord of the Treasury, without having stipulated for Catholic emancipation. Lord Grenville, with Mr. Wyndham, refused to join him; and from that time until the death of Mr. Pitt, in Jan. 1806, Lord Grenville took a prominent part in the ranks of the opposition. On Mr. Pitt's death, the administration was formed which was known by the name of "All the Talents," and Lord Grenville was the prime minister. He suffered in his popularity by obtaining an Act of Parliament enabling him to hold, together with the premiership, the office of auditor of the exchequer, and which he retained until his death. In 1809 his lordship was chosen Chancellor of the University of Oxford. He continued in opposition to the government during the war; but on the final defeat of the French, in 1814, he heartily congratulated the country on the prospect of an immediate peace; and in the following year supported ministers in their resolution to depose Napoleon. From that time he ceased to take a prominent part in parliamentary discussions, except during the debates on Catholic emancipation. He died Jan. 12, 1834, at his seat, Dropmore, Buckinghamshire, aged 74.

GRESHAM, SIR THOMAS, an opulent citizen of London, born in 1519; was made free of the Mercers' Company in 1543; appointed king's agent in Antwerp, for taking up money of the merchants; and in 1551, he removed to that city with his family. He built a large house on the west side of Bishopsgate-street, which was after his death converted into a college, and known by the name of Gresham College. He built a house at his own expense, on the plan of the Exchange, at Antwerp, and the queen came and dined with the founder, and caused a herald with a trumpet to proclaim it by the name of the Royal Exchange. He left one moiety of the Royal Exchange to the Corporation of London, and the other to the Mercers' Company, for the salaries of seven lecturers, in divinity, law, physic, astronomy, geometry, music, and rhetoric, at £50 each

per annum. He left several other considerable benefactions, and died in 1579.

GREVILLE, LORD BROKE FULKE, born 1554; killed by his servant, Sept. 30, 1628, aged 74.

GREW, DR., a celebrated vegetable anatomist and physiologist, was born at Coventry about 1628. In 1672 he became a fellow of the Royal Society. He lived to see various changes of opinions and professions, and died in 1711. He drew up a catalogue of the natural and artificial varieties belonging to the Royal Society, and preserved at Gresham College, which was published in 1681.

GREY, LADY JANE, was the eldest daughter of Henry Grey, Marquis of Dorset, and Frances, the daughter of Charles Brandon, Lord Suffolk, by Mary, dowager queen of France, who was the youngest sister of Henry VII., king of England. She was born in the year 1537, at Broadgate, her father's seat in Leicestershire. She discovered an early propensity to all kinds of literature; and was instructed in the principles of the reformed religion, for which she became extremely zealous. Her alliance with the crown necessarily brought her sometimes to court, where she received particular marks of the esteem of the young king, Edward VI. She could express herself very properly in the Latin and Greek tongues; and was well versed in Hebrew, Chaldee, Arabic, French, and Italian; she also made great proficiency in music. In 1553, the dukes of Suffolk and Northumberland formed the plan of transferring the crown into their own families, by rendering Lady Jane Grey queen. Upon this account she was married to Lord Guildford Dudley, fourth son of the duke of Northumberland, without discovering to her the real design of the match.

On the death of the king, July 6, Lady Jane allowed herself to be proclaimed queen of England. Her royalty, however, continued but a few days; Mary's undoubted right prevailed; and on the 19th of the same month she was proclaimed queen. On November 3, Lady Jane and her husband were carried from the Tower to Guildhall, with archbishop Cranmer and others; and were there arraigned and convicted of high treason, by Judge Morgan, who pronounced sentence of death upon them. Her execution, as well as that of Lord Dudley, took place February 12, 1554. She ex-

pressed great tenderness when she saw her husband led out to execution, but soon overcame it, when she considered how closely she was to follow him. The executioners kneeling down, requested her forgiveness, which she most willingly gave him; he then at one stroke severed her head from her body. Thus fell this accomplished lady, resigning her life in a manner worthy of her christian faith. "With what triumph," says an elegant writer, "did it trample on the sting of death, and spread a glory round the Lady Jane, that eclipsed the faint lustre of the superstitious and cruel Queen Mary on her throne."

GREY, ZACHARIAH, an English divine and historian, died 1766.

GREYHOUND PACKET-BOAT, from Cork to Bristol, lost on the Culner Sands, when all on board perished, Dec. 29, 1815.

GRIFFITH, MRS., author of "Letters to Young Married Women," born 1731, died Jan. 5, 1793.

GRIFFITHS, RALPH, LL.D., bookseller, the projector of the "Monthly Review," in May, 1749, at the sign of the Dunciad, in St. Paul's Churchyard, born 1720, died at Turnham-green, Sept. 28, 1803.

GRIMALDI, the celebrated clown, and a great favourite of the public, took his leave of the stage, in Drury-Lane Theatre, June 27, 1828. The entertainments included a selection of popular scenes from the most approved comic pantomimes.

GRIMSTON, SIR HARBOTTLE, law writer, died 1683.

GRISONS, a canton of Switzerland, formerly independent, until subdued by the Romans, and subsequently by the Goths and Franks. Their country was annexed to Germany, and remained in its possession until the 15th century, when the Grisons asserted their independence, and formed themselves into a confederacy known by the name of the Leagues. In 1798, the Grisons were converted into a Swiss canton. Two difficult roads lead through this canton to Italy, one over the Splugen, and the other over the St. Bernard mountain; the latter was passed by the French army in 1797; and the former in 1800.

GRÆVIUS, author of "Roman Antiquities," born 1632, died 1703.

GROAT, first struck in England, by

Edward III., about the year 1351. This continued to be the chief silver currency till the reign of Henry VIII., who, in 1504, first coined shillings.

GROCERS' COMPANY, London, incorporated 1429.

GRODNO, city, European Russia, was formerly one of the principal cities of Poland. In 1673, the Polish diet resolved that its sittings should be held every third year in this city. At the meeting in 1793, the diet was compelled, at the point of the bayonet, to consent to the second partition of Poland. Here Stanislaus found a retreat in 1795, and here, in the same year, he formally resigned his crown. After his resignation, this city was made the capital, first, of the province of Lithuania, afterwards of Slonin, and finally of Grodno.

GRONOVIVS, J. F., the philologist, born 1611, died 1671.

GRONOVIVS, JAMES, author of "Greek Antiquities," born 1645, died 1716.

GROS, JEAN ANTOINE, a French historical painter, was born in 1771. Early in life he enlisted and went to serve in the French army in Italy; there he soon obtained the rank of officer, and also recommended himself to Buonaparte's notice, by whom, after the battle of Arcole, he was appointed one of the commission for selecting the paintings stipulated to be given up to the conqueror by various Italian cities. In 1802 he produced his picture of "Buonaparte on the Bridge of Arcole," a work that immediately stamped his reputation. This was succeeded, in 1804, by another *chef d'œuvre*, "The Plague in the Hospital of Jaffa." During the four next years he was employed on the "Battle of Aboukir," a large sketch of the "Battle of Nazareth," and "Buonaparte on the Field of Eylau;" which last-mentioned, and his Jaffa, may be considered the finest works of his pencil. Besides these, may be mentioned, "The Taking of Madrid," "Buonaparte at the Pyramids," "Charles V. and Francis I. in the Chapel of St. Denis," and "Napoleon and the Emperor Francis of Austria." He committed suicide at Paris, June 1835, by throwing himself into the Seine.

GROSE, FRANCIS, a celebrated antiquarian, was born about 1731; he possessed an excellent taste for drawing, which induced him to commence his "Views of Antiquities in England and

Wales." He began this work in numbers, in 1773, and completed it in 1776; he obtained by it both profit and reputation; and in 1777 he added two volumes, which included the islands of Guernsey and Jersey, and finished it in 1778. In 1789 he paid a visit to Scotland, and in 1790 began to publish, in numbers, his views taken in that country. He next proceeded to Ireland, with the design to give a similar description of that country; but on the 6th of May, 1791, while at Dublin, he was suddenly seized at table with an apoplectic fit, and immediately expired. Besides the works before mentioned, he wrote a treatise on "Ancient Armour and Weapons," a "Classical Dictionary of the Vulgar Tongue," "Military Antiquities; being a History of the English Army from the Conquest to the present Time," &c.

GROSVENOR SQUARE, the centre house in, raffled for, (tickets one guinea each,) valued at £10,000, June 10, 1739.

GROTIUS, HUGO, an admired writer of the 16th century, was born at Delft, in 1583. In 1598 he accompanied Barneveldt, the Dutch ambassador, into France, and was honoured with many marks of esteem by Henry V. While in France, he took his degree of doctor of laws, and at his return to his native country, devoted himself to the bar. He now published his "Capella." His edition of the "Phenomena of Aratus," which he published in 1600, obtained for him a high reputation. His next work was a treatise "De Antiquitate Reipublicæ Bataviæ." In 1613, he settled in Rotterdam, and was nominated pensioner of that city; he became deeply involved in the political disputes of the day, and was, by order of Prince Maurice, arrested, together with Barneveldt; he effected his escape by the advice and contrivance of his wife. Grotius retired into France, where he met with a gracious reception from that court; and Louis XIII. settled a pension upon him. In France he composed his celebrated work "De Jure Belli et Pacis." In 1634 Queen Christina of Sweden made him her counsellor, and sent him ambassador to France. On his return to Holland, having stopped to rest at Rostock, he was suddenly taken ill, and died, Aug. 28, 1645. Besides those works already mentioned are, a "Treatise on the Truth of the Christian Religion," "Commentaries on the Holy

Scriptures," and the "History and Annals of Holland."

GROUND, a spot of, at Caplow-wood, parish of Fawnhope, Hereford, four acres in extent, removed and filled up the adjoining road to 12 feet in height, April 4, 1795. A yew tree was also removed 40 yards without being changed from its upright position.

GROUND, FROZEN, or GROUND ICE. Professor Baer, of St. Petersburg, commenced to the Royal Geographical Society, 1838, a paper on the "Ground Ice of Siberia," which has been followed by a letter on the same subject, from Professor Adolph Erman, of Berlin, in which the fact of frozen ground extending to the depth of nearly 400 feet at Yakutsk, is clearly established. Perpetual ground ice extends much farther in a southerly direction in Siberia than in Europe; and the whole of the south-east angle of Siberia has perpetual ground ice.

GROVE, HENRY, a dissenting minister, born at Taunton, in Somersetshire, in 1683, author of Nos. 558, 601, 626, and 635, of the "Spectator," died 1738.

GROVE, JOSEPH, historical and critical writer, died 1764.

GUITER, JAMES, the philologist, born 1560, died 1627.

GUADALOUPE, island, West Indies, the largest and most valuable of the Caribbees, first discovered by Christopher Columbus, who gave it the appellation it still bears, from its resemblance to a mountain of the same name in Spain. Taken possession of by the French in 1635, who compelled the natives to seek refuge in the mountains. In 1759 it was captured by a British squadron, but restored to the French in 1763; again taken by the British in 1794; recovered by the French in 1795; and, in 1810, once more taken by a British armament, and ceded to the king of Sweden; but at the general pacification, in 1814, it was restored to France.

GUAIRA, town, South America, republic Columbia, was attacked by the British without success, in 1739, and again in 1743, with a like result. This town suffered from a terrific shock of an earthquake, March 26, 1812, which destroyed numbers of the inhabitants.

GUALIOR, fortress, Hindoostan, was first captured by the Mahomedans, in 1197. The Hindoos afterwards regained possession; but in 1519 it surrendered

to the last emperor of Delhi. After the dismemberment of the Mogul empire, Gualior came into the possession of the ranah of Gohud, from whom it was taken by the Mahrattas. In 1780 the British became masters, and made it over to the ranah of Gohud; but in 1784, Dowlet Row Sindia obtained it by bribery. In 1804 it capitulated to the British to avoid being stormed; but on the conclusion of peace with the Mahrattas, it was restored to them, and still continues in their possession.

GUAM, chief of the Sadrone islands, was first discovered by Magalhaen, in 1521, and was formerly a provisioning station for the Spanish galleons, on their voyage to the Phillippine islands.

GUAMANGA, or **HUAMANGA**, the chief town of the province of the same name, in Peru, was originally founded by Pizarro, in 1539.

GUARDIAN FRIGATE, miraculously preserved from shipwreck on an island of ice, Dec. 1789; arrived at the Cape of Good Hope, Feb. 24, 1790.

GUARDS for the king's person, first appointed Oct. 30, 1435; had an increase of pay, 1797.

GUATIMALA, or **GUATEMALA**, called also Central America, one of the new republics, was a dependency of the Spanish crown until 1821, when it united with Mexico in disengaging itself from Spanish tyranny and misrule. In 1823 it asserted its own independence; it has been ever since in a very unsettled state, and continual discords have arisen between the new government and the people. It contains the provinces of Costa-rica, Nicaragua, Honduras, Vera-Paz, Chiapa, Guatemala Proper, and San Salvador.

1827. The province of St. Salvador openly armed itself against the central government, under the guidance of a chief of the name of Pierson, assisted by some French officers. In the beginning of the year they assembled in great force, and advanced, in the month of March, to the very walls of the capital itself, of which they threatened to form the siege. The inhabitants of Guatemala took up arms in aid of the garrison. An action was fought under the walls of the city, March 23.

1829. April. The city of Guatemala was taken by assault by the troops of San Salvador, under General Francisco Morazan, who assumed the government.

In 1832 the president-general, Morazan, was elected to a second term of four years. The internal troubles were very ruinous to the advance of Nicaragua and Salvador; but the other states were rapidly progressing in the career of good government, industry, and wealth: that of Guatimala, from the tranquillity it had for many years enjoyed, was the most forward in the race of improvement. In this state the Spanish laws were entirely abolished, and the code of Mr. Livingston, of the United States, substituted in their stead.

1838. The republic relapsed into a state of anarchy. In May a bloody insurrection broke out; the president resigned his office, and fled to a place of concealment; and, to add to the miserable circumstances of the time, the neighbouring Indians had taken up arms, and were committing frightful ravages in the country.

GUELDERLAND, formerly one of the provinces of the Netherlands. In 1079 it was raised to a county by the emperor Henry IV., and in 1339 to a duchy, by the emperor Louis, of Bavaria. It had dukes of its own till 1528, when it was yielded up to the emperor Charles V. In 1576 it acceded to the union of Utrecht. By the peace of Luneville, the Prussian and Austrian parts of Guelderland were ceded to France, and constituted a portion of the department of Roer. In 1814 part of Upper Gueldres was included in the Prussian province of the Rhine, but the greater portion was assigned to the kingdom of the Netherlands, and is now included in the kingdom of Holland.

GUERICKE, OTTO DE, a philosopher of considerable eminence, was born in 1602. His celebrity was chiefly obtained by his philosophical discoveries, especially the invention of the air-pump. He was also the inventor of an instrument for determining the changes in the state of the atmosphere, which was generally used till the invention of the barometer. He died 1654. He composed several treatises in natural philosophy, the principal of which is entitled "Experimenta Magdeburgica," 1672, folio.

GUERIN, PETER, the celebrated French artist, born about 1774. Among the more noted works of his pencil may be mentioned his large picture, representing Buonaparte pardoning the insurgents at Grand Cairo; also his Andro-

mache, Aurora and Cephalus, Dido, and Clytemnestra. His last production was an historical piece of Pyrrhus slaying Priam in the presence of Hecuba and her daughters. He died at Rome, July 1833, aged 59.

GUERNSEY, island, English channel, anciently called Sarnia, together with Alderney, Sark, Herm, and Jethou, constituted a bail in the duchy of Normandy. When Henry I. wrested that duchy from his brother, Robert, he attached Guernsey to the British diadem, and it has ever since continued in that position. Castle Cornet is of Roman origin, but re-edified by Duke Robert, father of the conqueror. This stronghold was taken by the French in the reign of Edward I., and held for Charles I. by Sir Peter Osborne, in the Cromwelian wars. It was injured by the blowing up of the magazine in a thunder storm, in 1672. It was the residence of the governor, but now accommodates a small garrison.

GUIANA, or **GUAYANA**, country of South America; bounded on the north and east by the Atlantic Ocean, south by Brazil, and west, by Colombia and Brazil. The name was formerly applied to the district included between the Orinoco on the north, and the Amazons river on the south. Spanish Guiana now forms an intendency of Colombia. Portuguese Guiana is a province of Brazil; and the remainder of the territory, named Guiana, is partitioned amongst the English, Dutch, and French. Guiana was first discovered by the Spaniards, afterwards by Sir Walter Raleigh in 1595, in search of El Dorado. In 1640 the French, who had settled here, having treated the natives with cruelty, were totally driven out. In 1650 Lord Willoughby, by permission of Charles II., sent out a colony to take possession, and followed them in two years after, having obtained a grant of the settlement for himself and Lawrence Hyde, second son of Lord Clarendon. In 1667 the settlement was invaded and conquered by the Dutch; reconquered by the English, and ceded to the Dutch at the peace of Breda. After the conquest of Holland by the French, in 1796, Great Britain seized on her colonies in the west; but restored them at the peace of Amiens: the British again took possession during the long war, and were confirmed in their right by the treaty of Paris in 1814.

GUIANA, BRITISH. This rising colony of South America, which comprehends the three settlements of Essequibo, Demerara, and Berbice, on rivers of the same name, is becoming daily of increasing importance since its coming under British influence. In 1818 was the first introduction of trial by jury, and the commission of oyer and terminer. A series of insurrections of the slaves took place on the coast of the Demerara river in 1823, which was finally suppressed, and Mr. Smith, a missionary of the London Society, unjustly condemned to death on the charge of inciting the negroes to rebellion. In 1831 the colonies of Demerara, Essequibo, and Berbice, were united into one government, and called British Guiana, the forms of the courts altered, &c. The population of this colony thus united, and according to the most recent returns is as follows:—whites, 3529; free, black and coloured, 7521; slaves, 89,786: total, 100,836.

The native Indians of this coast have long engaged the attention of Europeans, and imperatively call for the protection of the British government. The principal tribes in and round British Guiana are:—1. Arrawaks, 2. Accawai, 3. Caribisce, 4. Warrows, 5. Macoosies, and 6. Parawano. Mr. R. H. Schomburgh has lately exhibited in the metropolis a very interesting assemblage of objects in illustration of ethnography and natural history, collected by him during three expeditions into the interior of British Guiana. He brought with him three Indians, who were part of his boat's crew on his last expedition, and who are the first of their tribes ever brought to Europe. They belong to three different tribes; and, although there exists a great similarity in their manners and customs, they differ in their language. Their respective names are, 1. Corrienow, 2. Saramang, 3. Sororeng. Corrienow belongs to the Warrows, who inhabit the coast along the rivers Orinoco, Pomeeroon, and Corentyn, and are the Guaranos of the Spaniards. Saramang is a Macoosi: his tribe inhabit the vast plains which extend between the river Rupununy, a tributary of the Essequibo and the Rio Branco, which falls into the Rio Negro and Amazons. Sororeng is a Paravilhano or Parawano: his tribe was formerly powerful, and occupied that part of Rio Branco which lies

southward of Fort San Joaquin. Each Indian is habited in what are technically termed "fleshings;" that is, a kind of knit shirt, fitting closely to the figure, and of the precise complexion of the individual, who wears the perizoma, or waistcoat, which forms the only garment of the savage Indian.

The form of government in Guiana has recently undergone considerable changes, which have greatly affected its present state. At the capture of Demerara and Essequibo, in 1803, it consisted of the Court of Policy of eight members; the College of Kiezers for each district, elected by the inhabitants; and the College of Financial Representatives, nominated by the inhabitants, the same as the kiezers, and consisting of six. Each district had a court of civil and criminal justice, which consisted of six members and a president. In July, 1831, the ancient court of justice was abolished, and a new court constituted by order in council, and the Court of Policy formed of ten members, five official and five colonial. The College of Kiezers and Financial Representatives were separated; the members of the College of Kiezers are now for life, and consist of seven members. The Financial Representatives of six members; term of service, two years: one college each of Kiezers and Financial Representatives for the colony of British Guiana being Demerara, Essequibo, and Berbice. In criminal cases, three assessors, qualified by certain regulations, and open to challenge as jurors, are associated with the judges; and punishment can only be inflicted by sentence of the majority delivered in open court.

1837. Sir J. C. Smyth, late governor, expressed his strongest conviction that, even during the comparatively short period which had hitherto elapsed, since the operation of the new law, benefits of no ordinary character, and fully equal to any reasonable anticipation, had been realized in the colony under his government.

1838. Sir J. C. Smyth died, after a short illness, on March 4. Upon his decease, the administration of the colony devolved upon Mr. Light. On June 20, a motion was made in the court of policy (the legislative assembly of the colony), for the abolition of the apprenticeship on the ensuing 1st of August. Governor Light arrived while this important question was under discussion.

On July 12, an ordinance was accordingly passed for the complete liberation of the slaves on the 1st of the following month, throughout the colony of British Guiana, not, however, without encountering considerable opposition in its progress through the various stages of discussion.

1840. The transition from a state of slavery to that of freedom has been attended by some instances of oppression on the part of the planters who feel a difficulty in relinquishing their hold on the labourers. The following is taken from the Guiana Times: "Some labourers on Tuschen de Vrienden, thinking they received too little money for too much work, exercised their unquestionable right as free men, and complained to the proprietor or representative, Mr. W. R. Sandbach. The manager, Mr. C. Ross, flew into the most ungovernable rage, ordered the people off the plantation, and when they were about to quit for town in the schooner of a neighbouring proprietor, went on board of her, and threw into the water, and destroyed live stock and other property belonging to the labourers to no inconsiderable amount. Not content with this act of madness, he seems to have done all in his power to induce the manager of that and a neighbouring property to aid and abet him in his malevolence. But a court of magistrates, composed of men quite unconnected with agriculture, met, and saw ample reparation made to the outraged peasantry. The misguided young man at once lost his management, was mulcted in a sum not exceeding 150 dollars, and it is very doubtful whether he will not be forced to withdraw from the country."

GUICCIARDINI, an Italian historian born 1482, died 1540, aged 58.

GUIDO, ARETINO. See ARETINO.

GUIDO, RHENI, an Italian painter of considerable eminence, born at Bologna in 1574. He imitated with correctness the style of many celebrated artists, but fixed at last on one peculiar to himself, and which secured him the applause of his own time and the admiration of posterity. An unhappy attachment to gaming ruined his fortune; the reflection of which brought on a languishing disorder that put an end to his life in 1642.

GUILDFORD, a town in Surrey. Queen Eleanor, consort of Henry III.,

founded a Dominican convent here, and a second, of which the founder is unknown, may still be traced. Here stood also a noble castle, built before 1036, the tower of which fell down, 1700.

GUILDHALL, LONDON, built, 1416; council-chamber, 1425; the front and porch, 1431; burnt down, 1666; rebuilt, 1669; beautified, 1762; front rebuilt, 1789. Banquet here for the allied sovereigns of Russia, Prussia, and many illustrious guests, June 18, 1814. Public concert at, for the benefit of the Spanish and Italian refugees, Feb. 13, 1828. The nett profits exceeded £1000.

GUILLOTINE, the name of an instrument introduced, in 1792, by the authors of the French revolution, for beheading those who were condemned to death. It was invented by Dr. Guillotine, a physician of Lyons, who was said to have himself suffered death by his own instrument in the reign of Robespierre.

GUINEA, the coast of, discovered by some seamen of Dieppe, about 1364. The first voyage to, made by an English ship for elephants' teeth, 1530. The first slave-trade on this coast by the English was opened by John Hawkins in 1563. See **SLAVE-TRADE**.

GUINEA, NEW. See **PAPUA**.

GUINEAS were first coined in 1673, from gold brought from the coast of Guinea; worth 30s. 1696; reduced by parliament from 22s. to 21s., 1717; called in, 1776.

GUINEGATE, or **ENGUINEGATTE**, a town of France. The battle of the Spurs was fought here in 1513, between the French and English, when the latter came off victorious. Another was fought here in 1479, between the French and the Imperialists.

GUINES, a town of France, department Pas de Calais. In 1520 the celebrated interview between Henry VIII., of England, and Francis I., of France, took place here.

GUISE, FRANCIS DE LORRAINE, DUKE OF, memorable in the history of France as an enemy to the protestants, was born at the castle of Bar, in 1519, and early distinguished himself in arms. He acquired great glory in the defence of Metz in 1553, against the emperor Charles V. He was afterwards declared by Henry II. lieutenant-general of the kingdom. In 1558 he took Calais, which had long been in the hands of the En-

glish, and which had served as an entrance into France, in the wars between the two countries. The victory of Dreux, in 1562, is chiefly ascribed to Guise; in which the prince de Condé was taken prisoner. He died Feb. 24, 1563, at the age of 44.

GUISE, HENRY DE LORRAINE, DUKE OF, eldest son of the preceding, born in 1550. He aspired to supreme authority; caused the revocation of every privilege granted to the protestants, demanded the publication of the decrees of the council of Trent, and the establishment of the inquisition. He placed himself at the head of an armed force, and called his rebel band the League. The plan was formed by the cardinal, his younger brother; and, under the pretext of defending the Roman Catholic religion, they carried on a civil war, massacred the Huguenots, and endeavoured to govern the king, who forbade his appearance at Paris. Henry convened an assembly of the states at Blois in 1588, and the duke of Guise had the boldness to appear to a summons sent him for that purpose; but it being discovered that he had formed a design to dethrone the king, he ordered him to be assassinated, Dec. 23, 1588, in the 38th year of his age. His brother, the cardinal, shared the same fate the next day.

GUJERAT, or GUZERAT, a province of Hindoostan, first invaded from the west by Sultan Mahmoud of Ghizni, 1035. It is mentioned by Marco Polo, 1295; was subordinate for a time to the Patan emperors, but in the 15th century returned to independence under Rajpoot dynasty. In the reign of Acbar, 1572, this race of princes was overthrown, and the province reduced. In 1707, on the death of Aurungzebe, this province was invaded and overrun by Mahratta robbers, and in 1724, finally severed from the Mogul's authority. The Mahratta Guicowar still retains a large district, which, since 1807, has enjoyed British protection; and in 1818, on the fall of the peishwa, the government of this perversely turbulent peninsula devolved on the British.

GUJUNDERGHUR, a district of Hindoostan province Bejapoor, was taken by Hyder Ali, in 1778; restored afterwards to the Mahrattas, and in 1804 was held, independently of the peishwa, by Bishen-Row-Gorpara.

GULEN river, in Norway, buried

itself under ground, 1384, but burst out soon after, and destroyed 250 persons, with several churches, houses, &c.

GUN. See **CANNON.** 1839. A new breech-loading gun, invented in Paris, by M. M. Lepage, has been patented in England. The breech part of the barrel opens by raising a lever in the situation of the breech-pin, which carries a part of the breech. When this lever, which turns upon joints in side-plates, is raised, the breech end of the barrel is removed, and the cartridge may be introduced: which, being done, the lever is shut down upon the small of the gun, which closes the end of the barrel, and it is made fast by a spring catch in the end of the butt. The cartridge is made up in the usual form, and the copper cap, containing the detonating composition, is inserted into the back end of it. On shutting down the breech-pin lever, a solid piece of steel, as a small anvil, is brought close against the side of the detonating cap; an up-striking hammer, impelled by a strong spring, placed against the guard, when let off by the trigger, strikes the side of the detonating cap with sufficient force to crush it against the anvil, and thereby discharge the piece.

1840. An experiment was made in September at the Royal Arsenal, Woolwich, for the purpose of trying a plan, on a somewhat similar principle to the above, which has been some time in operation in France. Sir John May, Colonel Dundas, and Colonel Dancey attended to witness the experiment. The gun selected was a 32 pounder, and the charge each time was 10 lb. of powder in a flannel cartridge, with a 32 lb. ball fitted in a wooden cup, made flat at the end next the powder. In this case the action was given by pulling a piece of cord six feet long, when the hammer falls on the vent charged with detonating powder with such force as to cause instant and certain ignition. There is a piece of steel to cover the detonating powder, that it may not become wet in rainy weather, and this is so contrived that it falls back the moment the hammer begins to descend. Forty rounds were fired, and the simplicity and certainty with which they were discharged gave great satisfaction. The invention is so simple, and might be so easily applied, that there is every reason to believe it will be universally adopted in the Ordnance department.

GUNDWANA, a province of Hindoostan, in the Deccan, transferred to the British since 1818.

GUNNERY, **FIRST TREATISE ON**, by Tartaglia, Venice, 1537. Path of a projectile determined by Galileo, 1638. Path in a resisting medium determined by Bernouilli; theory perfected by Robins, 1742. A vast number of experiments were made by him by means of a machine constructed by him, with musket barrels of different lengths, with balls of various weights, and with various quantities of powder, the result of which is given in his Tracts, vol. i. 1761.

Dr. Hutton, in 1775, commenced an elaborate course of experiments with the ballistic pendulum, assisted by several able officers of the Royal Artillery. These experiments were not, like the foregoing, confined to musketry, but were extended to cannon shot of one, two, and three pounds weight. An account of their results, was published in the Philosophical Transactions for 1778, and for which the Royal Society honoured the doctor with the gold medal.

1808. November. An essay was read by Mr. Robertson, before the Glasgow Philosophical Society, on the different forms of shot; patterns of different shapes were exhibited, but that most approved by the exhibitor was the long egg-shaped ball. Egg-shaped balls were used by the Russian guards in 1811. Sir William Congreve took out a patent for a conical ball, which is a great improvement on every former invention. Other improvements of a minor kind have been more recently made, but no material alteration of the principle of the art. See the article **CANNON**, p. 198.

GUNNING, **PETER**, an English prelate who distinguished himself in the civil wars by his zeal in defence of King Charles I. In 1669 he was promoted to the see of Chichester; and in 1674, was translated to the see of Ely, where he continued till his death, which took place in 1684, in the 71st year of his age.

GUNPOWDER, a well known inflammable powder, composed of nitre, sulphur, and charcoal, reduced to powder, and mixed intimately with each other. The discoverer of this compound, and the person who first thought of applying it to the purposes of war are unknown. Roger Bacon, who died in 1292, knew the properties of gunpowder; but it is probable he was not acquainted with

its application to fire-arms. It is certain, however, that gunpowder was used in the 14th century. According to Du Cange, it is mentioned in the registers of the Chambers of Accounts in France, as early as the year 1338. Peter Mexia says, that in 1343 the Moors being attacked by Alphonsus, king of Castile, discharged a kind of iron mortars upon the forces, accompanied with a noise like thunder. The Venetians also employed gunpowder, in the year 1380, in their contests with the Genoese.

The manufacture and sale of gunpowder is regulated by several statutes. By the 12 Geo. III. 3. c. 61, it is enacted, that no person shall use mills or other engines for making gunpowder, or manufacture the same in any way, except in mills or other places which were actually in existence at the time of passing the act, or which, if erected afterwards, have been sanctioned by a licence, under pain of forfeiting the gunpowder, and two shillings a pound. The places of deposit for gunpowder are regulated by the 54 Geo. III. c. 159. The exportation of gunpowder may be prohibited by order in council. Its importation is prohibited on pain of forfeiture, except by licence from his majesty; such licence to be granted for furnishing his majesty's stores only. The act of 1 Will. IV. c. 44, prohibits the manufacture and keeping of gunpowder in Ireland by any person who has not obtained a licence from the lord-lieutenant; such licences may be suspended on notice from the chief secretary; and any one selling gunpowder during the suspension of such licence, shall forfeit £500. Gunpowder makers under this act are to return monthly accounts of their stock, &c., to the chief secretary. This act, which contains a variety of restrictive clauses, was limited to one year's duration, but has been prolonged.

GUNPOWDER MILLS, one at Feversham blown up, by which five men and two horses were killed, January 16, 1810; one at Dartford blew up, by which two persons lost their lives, September 24, 1810; one at Waltham Abbey, by which seven men lost their lives, Nov. 27, 1811; one at Hounslow, by which two men were severely hurt, July 4, 1812; two at Hounslow, by which three men were killed, August 21, 1813; one at Battle, by which three men were blown to atoms, Sept. 1814.

GUNPOWDER PLOT, discovered Nov. 5, 1605. See **BRITAIN**, p. 134.

GUNSMITHS' COMPANY, London, incorporated 1638.

GUNTER, REV. EDMUND, the mathematician, inventor of Gunter's chain, born 1581, died 1626.

GURNEY, WILLIAM, the inventor of the short-hand which bears his name, died 1770.

GUSTAVUS I., surnamed Ericson, or Vasa, king of Sweden, was born in 1490. On the invasion of Sweden by Christiern II. in 1518, he was one of the six hostages whom Christiern took back with him to Denmark. Making his escape, he wandered a long time in the forests in disguise, penetrated the mountains of Dalecarlia, and entered himself as a common labourer at a mine, till the cruelties of the tyrant, aided by his own exertions among his countrymen, having occasioned a revolution, he was first declared governor of Sweden; and, in 1523, elected king. In 1542 he had sufficient address to render the crown of Sweden hereditary in his own family. He died in the 70th year of his age.

GUSTAVUS ADOLPHUS, commonly called the Great, king of Sweden, was born at Stockholm in 1594. In 1611 he ascended the throne. He was at this period involved in a war with the Russians, Danes, and Poles, which he terminated very advantageously. He was afterwards invited by the German protestants to join the league against the emperor. On September 7, 1631, he led the united Swedish and Saxon army into the field, where he gained a complete victory. After this, he reduced many places in that part of Germany; and, in 1632, prepared to enter Bavaria. He fell at Lutzen, near Weissenfels, where a sanguinary battle took place, Nov. 6, 1632.

Few sovereigns have possessed more of the qualities of a truly great prince. "He was eminently pious without bigotry or fanaticism; humane without weakness; firm without obstinacy; and far more careful of the lives of his soldiers than attentive to his own preservation. In the moment of victory he was just and compassionate, never forgetting the weakness and imperfection of man's brightest endowments, and most extensive power, when compared with the wisdom and omnipotence of the Almighty. And, though he unquestionably

ranks high among the most enlightened statesmen of modern Europe, he enjoys the singular, and perhaps unexampled glory, of having never subjected his unblemished reputation to the suspicion of treachery or deceit."

GUSTAVUS III., king of Sweden, shot at a masquerade, by a discontented officer, March 16, 1792.

GUSTAVUS IV., of Sweden, was deposed, March 13, 1809, and his uncle, the duke of Sudermania, placed at the head of public affairs, as regent, till May 5, when he was proclaimed king, under the title of Charles XIII.

GUTCH, REV. JOHN, an English antiquary, born 1745, died 1831.

GUTHRIE, WILLIAM, author of the "Geographical Grammar," &c., born 1708, died 1770.

GUTTENBURG, JOHN, one of the candidates for the invention of printing, at Mentz, in Germany, died in 1467.

GUY, THOMAS, the founder of the hospital in Southwark, that bears his name, was the son of a lighterman and coal-dealer in Horselydown. He was apprenticed to a bookseller in 1660, and began trade with only £200; but the bulk of his fortune was acquired by purchasing seamen's tickets during the wars in Queen Anne's reign, and by fortunate speculations in the South-Sea stock, in the year 1720. Besides Guy's hospital, he erected a wing to St. Thomas's hospital, and also an almshouse at Tamworth. He died in 1724, aged 81, leaving behind him the vast sum of £300,000.

GUYANA. See **GUIANA**.

GUYON, MARY JOHANNA BOURRIERS DE LA MOTHE, a French lady, celebrated as a mystic and enthusiast, was born at Montargis in 1648. At 16 she was married to the son of the celebrated Guyon, and at 28 years old she was left a widow with three children. In 1687, Madame Guyon returned to Paris, after an absence of six years, which were occupied in conferences and preachings, in company with Father Lacombe, who

was influenced by the same turn of mind. She died in 1717.

GUY'S HOSPITAL, Southwark, built 1721.

GUYTON DE MORVEAU, L. B., a French philosopher, celebrated for his experiments in aerostation, &c., born 1737, died 1815.

GYPSIES, or GIPSIES. The origin of this singular tribe is, notwithstanding much diligent inquiry, involved in obscurity. It is, indeed, pretty clearly proved, that they are descended from some eastern tribe, and it is generally believed that they migrated from Egypt; but of this there does not appear to be sufficient proof. It is established by historical authority, that they were originally of the lowest class of Hindoos, having emigrated, it is supposed, from Hindoostan about 1408. They made their first appearance in Germany about 1417. In the course of a few years they gained such a number of proselytes, that they became troublesome, and even formidable, to most of the states of Europe. They were expelled from England in 1530, and ordered to quit the realm, and not to return under pain of imprisonment, and forfeiture of their goods and chattels; from France in 1560; from Spain in 1591. But such statutes have always been found insufficient to exclude them permanently from any of the countries of Europe. Spain is supposed to contain 40,000 of these vagrants. They are scattered, though not in great numbers, through Germany, Denmark, Sweden, and Russia; but their chief population is in the south-east parts of Europe. At a moderate computation Europe contains more than 700,000. For nearly four centuries they have wandered through the world; and in every region, and among every people, they have continued unchanged by the lapse of time, the variation of climate, or the force of example.

GYSBURGH PRIORY, Yorkshire, founded in 1119.

H.

HAARLEM, HAERLEM, or HARLEM, city, Holland, was taken by the Spaniards in 1573, after eight months' siege.

HABAKKUK, the prophet, flourished A.C. 731.

HABEAS CORPUS, a writ, which a man indicted and imprisoned for any crime, &c., may have out of the king's bench, thereby to remove himself thither, at his own costs, to answer the cause at

the bar thereof. The writ of habeas corpus was originally ordained, as a remedy for such as were unjustly imprisoned, to procure their liberty. By 16 Car. I. cap. 10, 1641, if any person be restrained of his liberty by order or decree of any illegal court, or by command of the king's majesty in person, or by warrant of the council-board, or of any of the privy council, he shall upon demand of his counsel, have a writ of habeas corpus, to bring his body before the court of king's bench or common pleas; who shall determine whether the cause of his commitment be just, and thereupon do as to justice shall appertain. The methods of obtaining this are farther pointed out and enforced by 31 Car. II. cap 2, 1679. These statutes have been called the second Magna Charta, and bulwark of English liberty. In consequence of this act, it is now expected by the court, that, upon writs of habeas corpus at the common law, the writ should be immediately obeyed, without waiting for any *alias* or *pluries*, otherwise an attachment will issue. The preservation of personal liberty by such means, is of great importance to the public, and it is the happiness of our constitution, that it is not left to the executive power to determine when the danger of the state is so great, as to render a suspension of this act expedient; for it is the parliament only, or legislative power, that, whenever it sees proper, can authorise the crown, for a short and limited time, to imprison suspected persons without giving any reason for so doing.

This expedient has been had recourse to as follows. Suspended in 1715, for six months—1716, for six months—1722, for 12 months—1744, for six months—1779, for six months—1794, 1795, 1798, 1799, and 1800, for nine months; in 1801, for six weeks; again, in 1803, in consequence of the Irish rebellion. Suspended in consequence of the report, in each house of parliament, of the committee on the London riots, March 3, 1817, the suspension to continue to July 1; suspension renewed a few days previous to the expiration of that period to the 20th.

HABERDASHERS' COMPANY, London, incorporated 1407.

HACKNEY, village, Middlesex. The duke of Gloucester here assembled his adherents in arms against Richard II.,

and here awaited the return of a deputation sent to lay their grievances before the king. The knights-templars and the hospitallers had estates here; Temple Mills, south from Lea Bridge, belonged to the former, and in Wells-street stood St. John's palace, the residence of the prior of the knights-hospitallers, or knights of St. John. It is supposed that hackney coaches derived their name from this place, having been first established to facilitate the communication between this suburb and the metropolis.

HACKNEY COACHES. See **COACHES.**

1831. The statute 1 and 2 Will IV. c. 22, September 22, entitled "An act to amend the laws relating to hackney carriages, &c., and to place the collection of the duties on hackney carriages, &c., under the commissioners of stamps," enacts as follows: Every carriage, with two or more wheels, used for plying for hire in any public street at any place within five miles from the general post-office in London, shall be deemed a hackney carriage. Two commissioners of stamps, or any person duly authorised by them, shall grant licences under their hands, and the said commissioners, or the person so authorised, shall, at the time of granting every such licence, and at all other times when necessary, deliver to the persons applying for such licences respectively a numbered plate, to be fixed upon every such hackney carriage. Before Jan. 5, 1833, licences not to exceed 1200, and preference to be given to the holders of former licences. After Jan. 5, 1833, licences to be granted without limitation of number. Penalty for concealing plates, or preventing persons inspecting and taking the number thereof, and giving a wrong number, five pounds. Penalty for using, &c., a hackney carriage without licence, or without plates, or for not delivering up recalled plates, 10 pounds. The court of aldermen authorised to make orders for regulating hackney carriages in the city of London and in the borough of Southwark, and all such rules and orders are to be advertised in the *London Gazette*. Penalty on persons offending against such orders, if known, and if not known, the owners, five pounds to the chamberlain for the commissioners of sewers.

1838. 1 and 2 Victoria, c. 79, Aug. 10, entitled "An act for the better re-

gulation of hackney carriages, and of metropolitan stage-carriages," among other regulations enacts, that every person to whom any licence shall have been granted, shall, within one calendar month before the commencement of this act, deliver up to the registrar the licence and badge, and shall thereupon be entitled to a new licence and ticket; and the words "Metropolitan Stage Carriage" shall include every stage carriage, except such as shall on every journey go to, and come from, some town or place beyond the limits of this act, and the words "Limits of this act" shall include every place within the distance of 10 miles from the general post-office in the city of London, and the whole of every town, village, or hamlet, any part of which shall be within the said distance.

HADDINGTON, town, Scotland, was anciently a place of considerable strength and importance, and here for ages the court of "The four Burghs" used to assemble, under the presidency of a chamberlain, to decide all disputes regarding traffic. Here formerly stood the magnificent abbey and nunnery, founded in 1173 by Ada, mother of Malcolm IV., of Scotland. This abbey was, during the siege of Haddington, in 1548, the hall in which the parliament sat that resolved upon giving Queen Mary in marriage to the dauphin of France. Haddington suffered from fire in 1598, and in 1775 one of the suburbs was totally inundated by the swelling of the river.

HADLEIGH, town in Suffolk. The Danish chief Guthrum, who, after his defeat by King Alfred in 875, embraced christianity, and governed the East Angles, was buried here.

HAERLEM. See **HAARLEM**.

HAFIZ, the Persian poet, died in 1395.

HAFOD, a township, Cardiganshire. The splendid house and valuable library of Hafod Hall were destroyed by fire on March 13, 1807.

HAGGAI, the prophet, flourished, A. C. 520.

HAGUE, town, Holland, became in 1250 the residence of the governors or counts of Holland; it was stripped of its importance on the erection of Holland into a kingdom by Napoleon, 1806, but previous to the Belgic revolution, it was, alternately with Brussels, the residence

of the king, and place of meeting of the States. It is now the residence of the king of Holland.

TREATY OF THE HAGUE, between England, France, and Holland, to maintain the equilibrium of the north, May 21, 1659.

HAIL consists of rain frozen in its descent to the earth. Philosophers in different ages have hazarded various conjectures to account for the phenomena of hail. The most probable one appears to be that which supposes it to arise from the influence of vapour occasionally formed in the higher regions of the atmosphere, from which rain is precipitated into a colder stratum of air beneath, and thus frozen in its descent. Natural historians furnish us with various accounts of surprising showers of hail, in some of which the hailstones were of extraordinary magnitude. The following are some of the most remarkable.

1613. May. So great a quantity of hail fell in France, that in some places it lay on the ground to the depth of 12 feet, and destroyed the corn and the vines.

1697. In Cheshire, Lancashire, &c., April 29, a cloud of hail about the breadth of two miles, did inconceivable damage; killing all sorts of fowls and other small animals, splitting trees, knocking down houses and men, and even ploughing up the earth; some of the hailstones weighed five ounces, and others half a pound, and were five or six inches in circumference. In Hertfordshire, May 4, the same year, after a severe storm of thunder and lightning, a shower of hail succeeded, which far exceeded the former: some persons were killed by it; vast oaks were split, and fields of rye cut down as with a scythe. The stones measured from 10 to 13 or 14 inches in circumference.

1766. Hailstones of an inch and a half in circumference fell at Greenwich, July 14.

1782. July 17, hailstones fell in France which weighed eight ounces.

1803. A dreadful hailstorm in the Haymarket, and two or three adjoining streets without the least appearance of hail in the rest of London; a fire-ball fell in Oxford-street, which tore up the pavement.

1813. Extraordinary hail-storm in the Pyrenees, in August.

1814. Another at Cincinnati, in North America, June 4.

1840. At Milan, Sept. 10, when the hailstones broke the tiles of the houses; two men were killed, and the cathedral damaged.

HAINES, J., the comedian, flourished in 1700, died in 1701.

HAITI. See HAYTI.

HAKLUYT, RICHARD, historian and geographer, born 1553, died 1616.

HALBERSTADT, city of Prussia, supposed to be of great antiquity. A remarkable diet of the German empire was held here in 1134.

HALE, SIR MATTHEW, the celebrated lord chief justice, was born in 1609, and educated at Oxford, where he made a considerable progress in learning. In 1658, he was made serjeant-at-law, and soon after appointed one of the justices of the common-pleas. He was returned one of the knights of Gloucestershire in the parliament which called home Charles II.; and when the courts of law were resettled, he was, in 1660, made chief baron of the exchequer, and was knighted. He held that station 11 years, with the universal character of one of the ablest and most upright judges that ever adorned the English bench. In 1671 he was appointed lord chief justice of the king's bench. But he held this important post only four years and a half, for he died in December, 1676. His fame, as an author, is chiefly founded upon an elaborate work entitled, "Historia Placitorum Coronæ," first published in 1736, from his original manuscript, by Emyln, in two vols. folio.

HALES, JUDGE, committed to the Marshalsea, 1553; he was afterwards removed to the Compter and the Fleet, where he attempted suicide. On being set at liberty some time after, he drowned himself.

HALES ABBEY, Gloucestershire, built 1246.

HALF-PENCE AND FARTHING first coined 1692.

HALHED, NATHANIEL BRASSEY, commenced life as a civil servant of the East India Company at Bengal, and published the following works relative to the East: "A Code of Gentoo Laws, or Ordinations of the Pundits, from a Persian translation," 1776, 4to.; 1777, 8vo.; "A Grammar of the Bengal Language," printed at Hoogly, in Bengal, 4to., 1778; "A Narrative of the Events

which have happened in Bombay and Bengal relative to the Mahratta Empire since July, 1777," 8vo., 1779. He returned to England, in 1790, and in May, 1791, obtained a seat in parliament for Lymington. In 1795 he became the avowed champion of the pretended prophet, Richard Brothers. In this character he put forth several publications in favour of that fanatic. After the dissolution in 1796, Mr. Halhed lived in retirement. He died Feb. 18, 1830, in West-square, Surrey, aged 79.

HALIFAX, Yorkshire, in 1443 contained no more than 30 houses. Henry VII. introduced the woollen manufacture here, to which may be mainly attributed its subsequent prosperity. The magistrates were formerly invested with a power to inflict capital punishment in a summary manner, on all persons convicted of stealing property valued at more than 13½*d.* within the liberties or precincts of the forest of Hardwick. Those convicted of this offence were carried within a week to the scaffold in the market place, and there beheaded by a machine, resembling a guillotine, called a maiden. The date of this singular usage is not accurately ascertained; but it continued to be practised until 1650, when the bailiff relinquished the custom, and the scaffold was taken down.

HALIFAX, the capital of Nova Scotia, was founded upon the first permanent settlement of the English in this province, by governor Cornwallis, in 1749. Dalhousie College was established in 1820. The manufactures carried on are still in an imperfect state, but the trade is very considerable. In 1828 the exports amounted to £246,852, in 553 vessels; and the imports to £733,392, in 544 vessels; and is rapidly increasing.

HALL, SIDNEY, a map engraver, published his "General Atlas," 1830; died 1832.

HALL, a learned English prelate, born 1574, at Ashby-de-la-Zouch, in Leicestershire, went to Emanuel College, Cambridge, of which he was chosen scholar. In 1597, after taking his degrees, he published a collection of satires in verse, entitled "Virgidemiarum." In 1605 he went with Sir Edmund Bacon to the Spa. Upon his return he was nominated one of Prince Henry's chaplains, obtained the donative of Waltham Abbey, in Essex, whither he removed, and about the same time took the degree of D.D. He

was, in 1618, appointed to be one of the divines to attend the synod of Dort. He accepted the bishopric of Exeter in 1627, and was translated to the see of Norwich, 1641; and, at the close of the same year, he was sufficiently obnoxious to the ruling powers to be noticed and imprisoned in the Tower. He was liberated in 1642. At length he was deprived of his property, and died in his 82d year, leaving behind him a truly meritorious character. He ranks high among the English poets of that age, being the first who gave a specimen of regular satires in our language. On account of his moral writings he has sometimes obtained the title of the English Seneca. The collection of his works amounts to five volumes, of which three were printed before his death.

HALL, REV. ROBERT, one of the most celebrated preachers of his age, was son of the Rev. Robert Hall, of Arnsby, in Leicestershire, and was born there in 1764. He was first placed under the care of the Rev. Dr. Ryland, at Northampton, and then sent to the Baptist academy at Bristol, whence he proceeded, in 1781, to the King's College at Aberdeen. In 1785 he returned to the academy at Bristol, to become assistant to Dr. Caleb Evans, in which situation he continued until 1791, when he succeeded the Rev. Robert Robinson, as minister at Cambridge. Whilst resident there he became known to, and admired by, some of the most distinguished scholars of the age. From Cambridge, about 1804, he removed to Leicester, where he was pastor of the church in Harvey-lane, until invited to succeed Dr. Ryland at Broadmead, Bristol, in 1826. Here he continued till his death, which took place February 21, 1831.

The following were Mr. Hall's principal publications:—"Christianity consistent with the Love of Freedom; being an Answer to a Sermon by the Rev. John Clayton," 1791, 8vo.; "Apology for the Freedom of the Press, and for general Liberty, with Remarks on Bishop Horsley's Sermon preached January 13, 1793," 8vo.; "Modern Infidelity considered with respect to its Influence on Society; a Sermon preached at Cambridge, 1800," 8vo.; "Reflections on War, a Sermon, on June 1, 1802, being the Day of Thanksgiving for a General Peace;" "The Sentiments proper to the present Crisis, a Fast Sermon,

at Bristol, October 19, 1803;" "The Effects of Civilization on the People in European States, 1805;" "The advantage of Knowledge to the Lower Classes, a Sermon, at Leicester, 1810;" "The Discouragements and Supports of the Christian Minister, an Ordination Sermon, 1812;" "A Sermon occasioned by the Death of the Princess Charlotte of Wales," preached at Leicester, 1817. Mr. Hall was for some time one of the conductors of the "Eclectic Review." Dr. Parr said of him, "Mr. Hall has, like Bishop Taylor, the eloquence of an orator, the fancy of a poet, the acuteness of a schoolman, the profoundness of a philosopher, and the piety of a saint."

HALLE, a city of Prussia, derived its name from its salt works, which are amongst the most ancient in Germany, and are called *die Halle*. The treaty of Halle, between the Protestant princes of the empire took place in 1610. The university, founded by Frederic I., king of Prussia, was opened in 1694, and is called Frederic University. Napoleon suppressed the university after the battle of Jena, in 1806. After the treaty of Tilsit, 1807, it was re-established under the kingdom of Westphalia. In 1813, many students having left Halle to join the Prussians, Buonaparte again ordered its extinction; but the measures in progress for that object were interrupted by the battle of Leipsic. By a Prussian ordinance of April 15, 1815, it was united to the university of Wittemberg, and assumed the style of "The United Frederic University of Halle Wittemberg." In 1836 it contained 1385 students.

HALLER, ALBERT DE, a German physician, and one of the most eminent literary characters of his age, was born at Berne, in 1708. The reputation of Boerhaave drew him to Leyden, where, at the age of 19, he obtained the degree of doctor in medicine. He visited England in 1727, and formed connexions with some of the most eminent characters. He returned to the place of his nativity about 1734, when in the 24th year of his age, and was soon after nominated professor in the university of Gottingen, newly founded by George II. After 17 years' labour in that university, on account of ill health, he obtained permission from the regency of Hanover to return to his native city of Berne, where he died, December 12, 1777. His "Elementa Physiologiae," and "Biblio-

theca Medicinæ," &c., will afford to latest posterity undeniable proofs of his indefatigable industry, penetrating genius, and solid judgment.

HALLEY, DR. EDMUND, an eminent astronomer, philosopher, and mathematician, and discoverer of the orbits of the comets, was born at London in 1656. In 1673 he entered as gentleman commoner of Queen's College, Oxford. In 1676 he published his "Direct and Geometrical Method of finding the Aphelia and Eccentricity of the Planets." He was sent the same year to the island of St. Helena, where he made a catalogue of the stars in the southern hemisphere, and returned to England in 1678. He was elected fellow of the Royal Society; and in 1679 he went to Dantzic to confer with Hevelius on the dispute between him and Dr. Hooke, respecting the preference of plain or glass sights in astronomical instruments.

In 1680 Mr. Halley commenced a tour; and on his passage from Dover to Calais he had a sight of a remarkable comet, since called by his name, and hastened to complete his observations upon it from the royal observatory of France. See **COMET**. About 1686 he published the "History and Physical Cause of the Trade Winds and Monsoons," together with a chart respecting their duration, &c. He next published in 1691, his paper "On the Circulation of the Watery Vapours of the Sea, and the Origin of Springs." In 1696, upon the establishment of five different mints for the re-coinage of silver specie, he was constituted comptroller of the office of Chester.

In 1699 he traversed the Atlantic Ocean from one hemisphere to the other, as far as the ice would permit him; and having made his observations at St. Helena, Bazil, Cape Verd, Barbadoes, the Madeiras, the Canaries, the Coast of Barbary, &c., he returned to Britain, and arrived in September 1700. In 1701 he was sent by the king to observe the course of the tides, with the longitude and latitude of the principal head-lands in the British Channel. Having executed this with his usual expedition and accuracy, he published a large map of the British Channel. In 1703 he was made professor of geometry in the university of Oxford; and in 1713 secretary of the Royal Society; and seven years afterwards he was appointed the

king's astronomer at the royal observatory at Greenwich, in the room of Mr. Flamsteed. At Greenwich he exerted all his powers in completing the theory of the moon's motion, and in other observations on the heavens. In 1729 he was chosen a foreign member of the Academy of Sciences at Paris. He lived to the very advanced age of 86, and died in 1742, in consequence of repeated attacks of paralysis. We are indebted to Dr. Halley for the publication of several of the works of the great Sir Isaac Newton, who had a particular friendship for him, and to whom he frequently communicated his discoveries.

HALLORAN, REV. HYNES, an eminent Irish scholar, poet, and divine, chaplain in the Britannia at the battle of Trafalgar, transported for seven years for forging a frank value 10*d.*; died in Wales, March 8, 1831.

HALSEWELL, East Indiaman, lost at Seacombe, in the isle of Purbeck, near St. Aldhelm's-head, and not an atom of the wreck has ever been discoverable. 1786.

HAMAH, town of Syria, was founded by Seleucus Nicanor, and is famous for having been the place where the Romans, under Aurelius, defeated Zenobia, queen of Palmyra. Hamah was destroyed in 1157, by a dreadful earthquake, but was afterwards rebuilt. Abulfeda, the celebrated Arabian historian, was prince of this city.

HAMAKER, PROFESSOR, a distinguished oriental scholar, was born at Amsterdam, in 1789. In his 26th year he was appointed professor of oriental literature at the Athenæum of Franaker, where he soon after published his notes on Philostratus, and a Latin dissertation "On the Necessity of illustrating the Greek and Latin Histories of the Middle Ages, by reference to the Oriental Writers." In 1817 he was chosen honorary professor at the university of Leyden, where he died in 1836.

HAMBURGH, independent city of North Germany, became important as a trading city in the 12th century, and in the 13th was one of the founders of the Hanseatic league. Until 1500 the city occupied only the strip of land between the Elbe and the east bank of the Alster. In 1535 it adopted the Lutheran religion, and acceded to the Protestant league in the north of Germany. In 1618 it was acknowledged a free city of the German

empire. In 1768 its rights were fully confirmed as an independent city. During the 30 years' war, in which the rest of Europe suffered so much, Hamburg was spared. At the beginning of the 19th century it was one of the richest and most prosperous of the free cities of Germany; but in 1803, when the French entered Hanover, they crippled the commerce of Hamburg, and drained it by exactions. Buonaparte seized part of the public funds, and with the whole of the north-west part of Germany it was incorporated into the French empire, December 13, 1810, and became the capital of a new department, called the Mouths of the Elbe. In March, 1813, the French were obliged to retire, and the citizens of Hamburg joined the Allies; but the French drove them back, and retook the city May 30. The French, however, finally evacuated it in May 1814. Since that time it has recovered in a great degree its former wealth and prosperity. Hamburg is now the greatest commercial city of Germany, and, perhaps, of the continent. The present annual value of the import and export trade of the port has been estimated at £14,380,000.

HAMBURGH COMPANY is the oldest trading establishment in the kingdom, incorporated 1296. It was first called the company of merchants trading to Calais, Holland, Zealand, Brabant, and Flanders. But the revolutions which happened in the Low Countries, towards the end of the 16th century, obliged them to turn their attention almost wholly to the side of Hamburg, and it was called the Hamburg Company.

HAMEL, DU MONCEAU, naturalist, born 1700, died 1782.

HAMEL, JOHN BAPTIST DU, a French writer, born 1624, died 1706.

HAMILTON, town, Scotland, was erected into a burgh of barony in 1456. In 1548, by charter of queen Mary, it became a royal burgh, but soon after the restoration it surrendered its rights to the duke of Hamilton, who, in 1760, restored its possessions, and made it dependent upon himself and his successors.

HAMILTON, MRS. ELIZABETH, a distinguished modern female writer, was born in Scotland 1758. "The Hindoo Rajah," her first publication, appeared in 1796, and its success encouraged her soon to engage in a second work, entitled "The Modern Philosophers," which

was published early in 1800. "Letters on Education," which appeared in 1801, procured the author the acquaintance of many celebrated individuals. In 1804 a pension from the crown was conferred upon her, as an acknowledgment of her literary talents. Soon after this she published "The Cottagers of Glenburnie." "Popular Essays on the Elementary Principles of the Human Mind," appeared in 1812. The last work which she lived to finish was published in 1815, entitled "Hints addressed to the Patrons and Directors of Schools." She died July 23, 1816, aged 60.

HAMILTON, ROBERT, LL.D., author of the "Inquiry into the Rise and Progress of the National Debt," and the first person who pointed out the fallacious scheme of the sinking fund, died 1829.

HAMILTON, SIR WILLIAM, K.B., ambassador to the court of Naples, died April 6, 1803.

HAMMERSMITH **SUSPENSION BRIDGE.** See **BRIDGE.**

HAMMET, SIR BENJ., fined £1000 by the court of Common Council, for refusing to serve the office of Lord Mayor of London, Oct. 13, 1797.

HAMMOND, JAMES, author of elegies, born 1710, died 1742.

HAMPDEN, JOHN, a celebrated British patriot, was born in London in 1594, was chosen to serve in the parliament which began at Westminster, Feb. 5, 1626; and served in all the succeeding parliaments in the reign of Charles I. In 1636 his patriotic sentiments began to attract public attention by his refusal to pay ship-money, as being an illegal tax; upon which he was prosecuted. On January 3, 1642, the king ordered articles of high treason and other misdemeanors to be prepared against him. In the beginning of the civil war he commanded a regiment of foot, and did great service to parliament at the battle of Edghill. He received a mortal wound in an engagement with Prince Rupert, in Charlgrove-field, in Oxfordshire, and died in 1643.

HAMPDEN, REV. DR., was gazetted as Regius Professor of Divinity at Oxford, in the room of Dr. Burton, deceased, Feb. 1836. This appointment created considerable excitement at Oxford for some time, his theological opinions having been affirmed by his opponents not to be orthodox.

HAMPSHIRE, county, England, under the Romans formed part of the province called Britannia Prima, and contained one of the most important of the Roman settlements, Venta Belgarum, now the city of Winchester. The Saxons made some descents on this county in the 6th century, and one of their chiefs, Porta, made some conquests. In 519 Cerdic, the Saxon monarch, after repeated contests with the Britons, established the kingdom of Wessex. On the Norman conquest, Hampshire suffered peculiar devastations, in consequence of the formation of the New Forest by William I. 1081.

HAMPSHIRE, **NEW**, state. United States. The first English settlement was made near the mouth of the Piscataqua in 1628: it was formed into a separate government in 1679, before which time it was under the jurisdiction of Massachusetts. A constitution was established in 1784; and in 1792 this constitution was altered and amended by a convocation of delegates held at Concord, and modelled according to its present form.

HAMPTON, the translator of "Polybius," died 1778.

HAMPTON COURT PALACE built before the time of Cardinal Wolsey; greatly enlarged by him, and presented to King Henry VIII. in 1526, who again extended the buildings, and added much to their embellishment. The present edifice consists of three quadrangle courts, and occupies an area of about 700 feet. It is decorated with paintings; among which the most celebrated are the seven Cartoons of Raphael.

HANAU, district, Germany, in the electorate of Hesse Cassel, was formerly a separate government under the counts of Hanau, but was annexed on the extinction of that family in 1736, to the dominion of Hesse Cassel. The capital, Hanau, is famous as the scene of a battle fought near it, Oct. 30, 1813, between the Bavarians and Austrians, under general Wrede and Napoleon, on the retreat of the latter to Leipsic. The French are said to have lost 15,000 men killed and wounded, and 10,000 prisoners.

HANDEL, **GEORGE FREDERICK**, the celebrated composer of music, was born at Halle, Upper Saxony, in 1684. At nine years of age he began to compose church services for voices and instruments, and continued to compose

one every week for three years successively. At the age of fourteen he was sent to Berlin, where his abilities soon recommended him to the king, who frequently made him presents. He afterwards removed to Hamburgh, where, though yet but in his 15th year, he became composer to the Opera-house. "Almeira," his first opera, was received with uncommon applause.

In his 19th year he took a journey to Italy, where he spent six years, improving himself in the science of music, and formed an acquaintance with some of the most celebrated masters of the age. He was introduced at the court of Hanover, and his electoral highness (afterwards George I.) granted him a pension of 1500 crowns. Soon after, Handel set out for England, where he arrived in 1710. The tempting offers made him in London induced him to settle there, in spite of his engagement to the elector, who chose to resent this neglect when he became king of England in 1714. Handel, however, contrived, by a little artifice, to be restored to favour. A royal party of pleasure upon the Thames had been announced, and directions given at court to have a barge of musicians in attendance. Handel got notice of this; and composed for the occasion those celebrated pieces, which, from the circumstance, have been called "Water Music." He conducted the performance himself, disguised, so as not to be detected. The king was very much delighted, and begged to know who the composer was. A German baron, who was a friend to Handel, told him that it was written by a countryman and faithful servant of his majesty; but who, fearing he had incurred his displeasure, dared not, in a more open manner, contribute to the amusement of his sovereign. Upon which the king declared, that if Handel was the culprit, he had his entire forgiveness; and, moreover, substantiated his gracious pardon by the donation of £200 a year.

About 1720, a project was formed by the nobility for erecting an academy at the Haymarket, with a view to secure a constant supply of operas to be composed by Handel, and performed under his direction. Handel conducted the academy for nine years with great success; but about that period an irreconcilable enmity took place between him and Senesino, one of the Italian



GEO.^F FREDERIC HANDEL.

George Frideric Handel



singers whom he brought over, which ended in the total dissolution of the academy.

In 1732 Handel began the performance of oratorios in the theatre. "Esther," composed in 1720, was the first; "Deborah," the second; and "Athaliah," the third; the latter was performed in the public theatre at Oxford in 1733, when he opened the organ in such a manner as astonished every hearer. In 1740, the oratorio of "Saul" was performed for the first time at the theatre in Lincoln's-inn-fields. From 1740 to 1751, he produced fifteen original oratorios. In 1742 "Samson" was first performed, which was not only much applauded by crowded houses in the capital, but soon disseminated in single songs through the kingdom. The same year the "Messiah" was received with universal admiration and applause, and Handel, actuated by motives of benevolence and humanity, formed a resolution of performing it annually for the benefit of the Foundling Hospital, which resolution was constantly put in practice to the end of his life, under his own direction. The last oratorio at which he attended and performed, was on the 6th of April, and he expired on the 13th, 1759.

COMMEMORATION OF HANDEL, the most extraordinary musical performance which any age or any country has produced, was presented to the public as a tribute to his memory in Westminster Abbey, in 1784, in which upwards of a thousand vocal and instrumental performers were engaged. A similar commemoration took place in Westminster Abbey, June 24, 26, 28, and July 1, 1834.

HAND-IN-HAND FIRE-OFFICE, London, incorporated 1696.

HANDKERCHIEFS first manufactured at Paisley, in Scotland, 1743, when £15,886 worth were made; in 1784 the manufacture yielded £164,385.

HANNIBAL, the celebrated Carthaginian general, was born about A.C. 246. His father, Hamilcar, having made him vow eternal enmity to the Roman people, took him, when only nine years of age, to his camp in Spain. When only 26 years of age, he was chosen general by the whole army. See **CARTHAGE**.

After the battle of Cannæ, having threatened Rome itself with a siege, he was obliged, on account of the scarcity of provisions and the diminished num-

bers of his troops, to retire to Bruttium. He was recalled to Africa to protect Carthage from the assaults of the Roman army, under Scipio, A.C. 203. Hannibal having spent 36 years in arms, took up his residence at Carthage, where he rendered himself as celebrated a statesman as he had been a warrior. His enemies accused him to the Romans of aiding Antiochus the Great in his designs against the empire. The Romans immediately demanding that he should be delivered up to them, he took refuge with Prusias, king of Bithynia, who, in order to ingratiate himself with the Romans, sent a party of soldiers to surround Hannibal's house. The Carthaginian general, perceiving that there was no possibility of escape, had recourse to poison, and died A.C. 183, aged 63. With his last breath he is said to have exclaimed, "Let us deliver the Romans from the disquietude with which they have long been tortured, since they have no patience to wait for an old man's death."

HANNO, a Carthaginian commander, celebrated for his voyage of discovery, is said to have undertaken the circumnavigation of Africa, by order of the state, which he completed from the Straits of Gibraltar to the extremity of Arabia, about A.C. 453.

HANOVER, kingdom of Germany, consisting of the duchy of Bremen, the principality of Luneburg, and several other countries, formerly an electorate. In the beginning of the 12th century, Henry the Black, duke of Bavaria, brother of Welf, or Guelf, (a prince of the north of Italy), acquired by marriage and conquest the duchies of Luneburg, Brunswick, and Gottingen; his son also made large conquests north from the Elbe. His family, however, though numerous, all became extinct, except Brunswick Wolfenbuttel, and Brunswick Luneburg. A member of the latter family having married Sophia, grand-daughter of James I., of England, his son proved the nearest Protestant heir to the crown of Great Britain.

Hanover co-operated with Great Britain in the wars which took place from 1741 to 1756, during which period she lost 80,000 men. During the first French revolutionary war, the neutrality of Hanover was maintained; but in 1801 it was seized by Prussia. It was overrun by the French in 1803, and was ceded to Prussia by them in

1806; but shortly afterwards resumed, and one part of it annexed to Westphalia, the other retained by France. At the end of 1810, Buonaparte declared a further portion to belong to France. At length, in 1813, the whole electorate was restored to the king of Great Britain, and in 1815, he assumed the title of king of Hanover. George IV. of England, when prince regent, gave Hanover a modified charter, under which the chambers exercised the same privileges as the former provincial deputies. By an edict of Oct. 12, 1822, the government received a new organisation, by which the kingdom was divided into seven districts. At the head of the government was the viceroy, the duke of Cambridge, and under him a ministry.

1837. The death of William IV. produced an immediate change in relation to the continental dominions of the house of Hanover. The crown of that state descended only in the male line; and therefore, on the accession of our present sovereign, it became entirely separated from the British empire. Ernest Augustus, late duke of Cumberland, therefore immediately became king of Hanover, and was proclaimed June 24. One of the first acts of his reign was to prorogue the general assembly of the states of the kingdom; and the letters patent, by which, in conformity with the constitutional practice, the king announced his accession to the throne, appeared July 8, and afforded his majesty an opportunity of communicating to his subjects his intention of superseding the existing constitution. The letters patent then went on to establish the legality of all laws and ordinances, promulgated under the repealed constitution, "till they should be abolished in a legal way." They announced his majesty's resolution immediately to convoke, and to communicate his proposals to, the general assembly of the estates, according to the letters patent of Dec. 7, 1819; and presented the public with an outline of such proposals, which were, in effect, as follows:—1. The crown revenues were to contribute to the public expenditure. 2. The estates were to meet but once in three years, and the session not to exceed three months. 3. The crown might convene extraordinary meetings of the estates. 4. The functions of the provincial assemblies were to be enlarged. 5. An abatement of the tax on persons

and trades, to the amount of 100,000 dollars annually, was promised. At the same time that these letters patent were issued, others appeared which informed the public of the dissolution of the cabinet ministry. These proceedings gave great disquietude to some of the legislatures of the minor states in Germany, who were conscious on how frail a foundation their own representative privileges were erected. The states of Baden voted that the abrogation of the Hanoverian constitution was in violation of the federal act of the Germanic league, and their example was followed by Bavaria and Saxony.

1838. According to a proclamation, dated Jan. 7, the general assembly of the states was summoned to meet, Feb. 20. When the second chamber met for the discussion of the new constitution, the following motion of M. Conradi, June 25, was carried by a majority of 34 to 24: "The estates will discuss the constitution which has been submitted to them by his majesty; they must, however, hold the opinion, that the constitution, which legally existed before his majesty's accession to the government cannot be satisfactorily abolished, or altered, unless the representation established according to the constitution, (agreeing with the proposal of the estates, regarding the new constitution), as well as the provincial assemblies, have given their consent." This was followed by the rejection of the proposed constitution, by a majority of 37 to 23 votes. In June 29, an ordinance appeared, proroguing the states general.

HANSARD, THOMAS CURSON, a very ingenious practical printer, and author of "Typographia; or, Historical Sketches of the Origin and Progress of the Art of Printing; with practical Directions for conducting every Department in an Office," born 1776, died 1833.

HANSE TOWNS, or HANSEATIC LEAGUE, certain Germanic towns. This league originated with Hamburgh and Lubeck, which formed a confederacy in 1241 for mutual protection. The Hanseatic confederacy was at its highest degree of power and splendour during the 14th and 15th centuries. It then comprised from 60 to 80 cities, which were distributed into four classes or circles. Lubeck was at the head of the first; Cologne the second; Brunswick the third; and Dantzic the fourth. In

order to facilitate and extend their commercial transactions, the League established various factories in foreign cities; the principal of which were Novogorod in Russia, London, Bruges in the Netherlands, and Bergen in Norway. The merchants of the Hanse towns, or Hansards, were established in London at a very early period, and their factory situate in Thames-street, was of considerable magnitude and importance; but disputes arising with the English merchants, it was frequently attacked. The League exerted themselves vigorously in defence of their privileges; and having declared war against England, they succeeded in excluding our vessels from the Baltic, and acted with such energy, that Edward IV. was glad to come to an accommodation with them. In 1474, the privileges were renewed, but were considerably modified in the reigns of Henry VII. and Henry VIII., and were, at length, wholly abolished in 1597. Hamburgh, Bremen, Lubeck, and Frankfort, preserve only the shadow of power; being acknowledged in the act for the establishment of the Germanic confederacy, signed at Vienna, June 8, 1815, as free Hanseatic cities.

HANWAY, JONAS, remarkable for his benevolent exertions for the benefit of his poor countrymen, was born at Portsmouth in 1712. He connected himself as a partner in Mr. Dingley's house in Petersburg, where he arrived June 10, 1743. The mercantile transactions of that house brought him acquainted with the trade lately commenced on the Caspian Sea. In 1753 he published an "Historical Account of the British Trade over the Caspian Sea; with a Journal of Travels from London, through Russia into Persia," in 4 vols. 4to. He was the principal founder of the Marine Society, intended to train young and destitute lads to the service of the navy. His attention was particularly directed towards alleviating the miseries of young chimney-sweepers. He promoted by every means in his power the establishment of Sunday-schools; and was very active in procuring subscriptions for the relief of the black people who wandered about the metropolis in distress. He died September 5, 1786. Besides his travels and several miscellaneous productions, he also published a number of small pieces, calculated to convey useful, moral, and re-

ligious instruction to the lower classes of mankind.

HANWORTH PARK HOUSE, the seat of the duke of St. Alban's, burnt down March 16, 1797.

HARBOTTLE, Northumberland. Its castle was besieged unavailingly by a powerful Scotch army in 1296. Its ruins still possess much interest. Margaret, queen dowager of Scotland, and sister of Henry VIII., resided here after her union, in 1515.

HARDERWICH, town, Holland, is strongly fortified, and has a university, founded in 1648, but reduced to the rank of an academy in 1808.

HARDICANUTE, king of Denmark, succeeded Harold I. as king of England, April 14, 1039; died at Lambeth, 1041.

HARDY, THOMAS, the reformer, accused of high-treason by the Pitt ministry, Oct. 28, 1794, died Oct. 11, 1832, aged 82.

HARDY, SIR THOMAS, a distinguished naval commander, and the friend of Nelson, took a conspicuous part at the battle of Trafalgar in 1805, was made governor of the Royal Hospital at Greenwich, March 1834; died at Greenwich Sept. 20, 1839.

HARFLEUR, town in Normandy, taken by the English in 1415 and 1440.

HARGRAVE, FRANCIS, the editor of the "State Trials," &c., died 1821.

HARGREAVE, JAMES, the inventor of the spinning-jenny, and other important parts of cotton-machinery. He died in 1788.

HARLECH CASTLE, Merionethshire, built by the ancient Britons; rebuilt in 876; re-edified by Edward I.

HARLEY, ROBERT, earl of Oxford and Mortimer, was born in 1661. In 1702 he was chosen speaker of the house of commons; in 1704 he was sworn of Queen Anne's privy council, and the same year made secretary of state; in 1706 he acted as one of the commissioners for the treaty of union; and in 1710 was appointed a commissioner of the Treasury, and chancellor and under-treasurer of the Exchequer. In 1711 he was raised to the dignity of lord high treasurer, and created earl of Oxford and earl of Mortimer. On the accession of George I., the earl of Oxford was nominated one of the persons to be added to the seven great offices of state, to compose a regency. He was impeached by the commons, June 10, 1715,

for high treason, and other crimes and misdemeanors, and, on July 6, the house of lords committed him to the Tower, but he was acquitted. His death took place in 1727.

HARMONIC INSTITUTION, Royal, incorporated 1823.

HARMONICA, or musical glasses, improved by Dr. Franklin, from a hint previously given him in 1760 ; introduced into France in 1765.

HARMONIPHON, a new musical instrument, introduced into England about 1839, is the invention of M. Paris, of Dijon. The sound is produced by the vibration of thin metallic plates; and it is played by keys resembling those of the piano-forte; but the air which acts upon the vibrating plates, instead of proceeding from bellows within the instrument, is blown by the mouth through an elastic tube. Thus, while the fingers on the keys merely mark the different notes of the scale, the expression lies in the mouth, as in the oboe, or clarinet. The Harmoniphon is made in three varieties: the first is the compass of the oboe, the second of the corne Inglese, and the third of a larger size than the others, combines both these instruments, and has a compass of three octaves. It is calculated to be of great utility in provincial orchestras, where it will be an excellent substitute for the oboe.

HARMONY, town, United States, Arkansas territory, and a missionary station amongst the Osage Indians, formed in 1821, by the United Foreign Mission Society.

HARMONY, town, Pennsylvania, founded by a number of German families, styling themselves the Harmony Society, who emigrated in Dec. 1804.

HARMONY, NEW, in Indiana, purchased by Robert Owen, in 1825, for the establishment of a "social system," broken up in 1826.

HAROLD I., king of England, began his reign 1036, died April 14, 1039.

HAROLD II., son of the earl of Kent, began his reign in 1066; defeated by his brother Tosti and the king of Norway, who had invaded his dominions at Stamford, Sept. 25, 1066; was killed by the Normans, at the battle of Hastings, Oct. 14, following.

HAROUN, AL RASCHID, a celebrated caliph, or Mahometan sovereign of the Saracen empire, one of the best and wisest princes that ever sat on the

throne of Bagdad, died A.H. 193, having reigned 23 years.

HARPE, DE LA, the French critic, died April 18, 1803.

HARPOONER, transport, from Quebec, with invalids and other troops, foundered, and more than half the persons on board perished, Nov. 10, 1816.

HARRINGTON, SIR JOHN, English poet, translator of "Ariosto," and author of "Oceana," died 1620.

HARRIOT, THOMAS, an eminent mathematician, was born at Oxford, in 1560, educated at St. Mary Hall, and took his bachelor's degree in 1579. In 1585, went with the colony, under Sir Richard Granville, to Virginia. He published, on his return, a topographical description of that country. About 1588, Mr. Harriot was introduced by his patron, Sir Walter Raleigh, to Percy, earl of Northumberland, who granted him a pension of £300 per annum. He died in July, 1621, at Sion College. He was one of the first mathematicians of the age in which he lived, and will always be remembered as the inventor of the present improved method of algebraical calculation. He was the first who observed the spots in the sun; and it is a matter of doubt whether he or Galileo first saw the satellites of Jupiter.

HARRIS, JAMES, a celebrated philologist, was born at Salisbury, in 1709, and educated at the grammar school there. In 1726 he was removed to Wadham College, Oxford. His first literary production was a volume containing three treatises, on Music, Painting, and Happiness. In 1751 he published his celebrated work, entitled, "Hermes; or, a Philosophical Inquiry concerning Universal Grammar." In 1761 he obtained a seat in parliament for the borough of Christchurch, and three years afterwards was appointed one of the lords commissioners of the Admiralty. He was next removed to the Board of Treasury, and in 1774 was made secretary and comptroller to the queen; this post he held till his death, which took place in 1780, in his 72d year.

HARRISON, JOHN, inventor of the time-keeper for discovering the longitude, and for which he received the parliamentary reward of £20,000, died March 24, 1776, aged 84. See **CHRONOMETER**.

HARROWGATE, Yorkshire, is indebted for its importance to the mineral

springs in the vicinity, impregnated with sulphur. The old Spa, in Knaresborough forest was discovered in 1620 by Capt. Slingsby, and covered over by a handsome dome in 1786, at the expense of the earl of Rosslyn. The sulphureous well, the latest discovered, is distinguished by its hepatic colour, arising from the presence of hydro-sulphureous gas. The season for bathing commences in May, and ends in September.

HARROW-ON-THE-HILL, Middlesex, remarkable for its richly-endowed Free Grammar-school, founded for charitable purposes by Mr. Lyon, who died in 1592, and bequeathed estates worth about £1000 per annum for its maintenance. He particularly enjoined the practice of archery; and it was customary, until very lately, to shoot for a silver prize-arrow on Aug. 4. A fire broke out here, Oct. 22, 1838, which destroyed a great part of the building.

HART, SIR ANTHONY, late lord chancellor of Ireland, was born in 1759, in the island of St. Christopher. In 1776 he was admitted a student of the Middle Temple, and called to the bar in 1781. He practised first in the East Indies, and afterwards at the Chancery bar here. In 1807 he was made king's counsel, and in the same year elected a bencher in the Middle Temple. In 1813 he was selected to fill the office of solicitor-general to her majesty, Queen Charlotte. In 1827 Mr. Hart was appointed vice-chancellor, received the honour of knighthood, and was sworn in as one of his majesty's most honourable privy-council. On the retirement of Lord Manners he was raised to the chancery of Ireland, which office he filled until the resignation of the duke of Wellington in 1830, when he was recalled. He died Dec. 6, 1831, aged 72.

HARTLEBURY CASTLE, Worcestershire, built in 1268.

HARTLEY, DAVID, senior, author of "Observations on Man," died in 1757, aged 53.

HARTLEY, DAVID, junior, son of the preceding, first mover in the house of commons of the abolition of the slave-trade, died Dec. 19, 1813.

HARTZ, or HARZ, a mountain in Germany, abounds in mineral productions. Charlemagne first colonised this mountain district, but a new company of settlers was introduced in the 11th century

to work the mines at Rammelsberg. Their descendants were recognised by black uniforms and red feathers.

HARVEY, ADMIRAL, SIR ELIAB, entered the naval service in 1771, as a midshipman. He served in the same capacity with Lord Howe in the Eagle 74, whom he joined in 1775 on the coast of North America. He returned to England with Lord Howe, Oct. 25, 1778, and was soon after promoted to the rank of lieutenant. In 1790 he obtained the command of the Hussar of 28 guns. In 1796 he sailed for the West Indies, in company with Vice-admiral Sir Hyde Parker. He served with the channel fleet during the remainder of the war; and on the renewal of hostilities in 1803, he assumed the command of the Temeraire, a second rate, in which ship he greatly distinguished himself at the battle of Trafalgar, Oct. 21, 1805. At the general promotion that took place, Captain Harvey was advanced to the rank of rear-admiral; he continued to serve in the channel fleet until the spring of 1809, at which period a serious misunderstanding took place between him and Lord Gambier. However, Rear-admiral Harvey was duly promoted to the rank of vice-admiral in 1810, nominated a K.C.B. in 1815, and made a full admiral in 1819, and a G.C.B. in 1825. He sat in parliament with some interruptions, from 1780 to 1826. He died February 20, 1830, aged 71.

HARVEY, DR. WILLIAM, an eminent physician and anatomist, was born at Folkstone, in Kent, in 1578. He became a fellow of the College of Physicians in 1603, and a short time afterwards was appointed physician to St. Bartholomew's Hospital. In 1615 he was nominated lecturer on anatomy and surgery to the college. In these lectures he opened his grand discovery relating to the circulation of the blood. In 1651 he published his "Exercitationes de Generatione Animalium." In 1654 he was chosen president of the College of Physicians. He lived to complete his 80th year, and died June 3, 1658. His modesty, candour, and piety, were equal to his knowledge and attainments; and the farther he penetrated into the wonders of nature, the more he was inclined to venerate the author of it.

HARWICH, Essex, is believed to be of Roman foundation. The vicinity is much frequented for sea-bathing in sum-

mer. An engagement took place here in 884, between the Danish and Anglo-Saxon fleets.

HARWOOD, DR., author of the "Introduction to the Study of the New Testament," died in 1804.

HARWOOD NUNNERY, Bedfordshire, built in 1150.

HASLEWOOD, JOSEPH, laborious editor and antiquary, born Nov. 5, 1769, died, Sept. 21, 1833.

HASSELQUIST, FREDERICK, one of the favourite pupils of Linnæus, and eminently distinguished by his illustrations of the natural history and medicine of the Levant, was born at Toernvalla, in East Gothland, Jan. 3, 1772. He died Feb. 9, 1752, aged 31.

HASTINGS, town, Sussex, member of the cinque ports. Supposed to have been founded by a Danish naval officer, whose name it bears, in the reign of Alfred the Great. In Athelstan's time it was the residence of a mint-master, was strongly fortified, and walled round. Near this place Harold II. was defeated and slain by William the Norman, Oct. 15, 1066; 1070, the castle built; 1377, town destroyed by fire.

HASTINGS, LORD, put to death in the Tower, June 13, 1483.

HASTINGS, WARREN, governor-general of India, tried by the peers of Great Britain for high crimes and misdemeanors; his trial lasted seven years and three months, and ended in his acquittal, April 25, 1795; born 1733, died 1818.

HATBAND MAKERS' COMPANY, London, incorporated 1638.

HATCHING CHICKENS BY HEAT. See ECCALEOBION.

HATS OF FUR, WOOL, &c. This description of hats was first noticed as belonging to England in the 14th century. About a century afterwards, 1463, the importation of hats was prohibited. A duty of 10s. 6d. a hat was substituted for this prohibition in 1816, and long since taken off.

STRAW HATS. In 1611 the most delicate straw hats were worn by both men and women in many parts of Piedmont, many of them having at least a hundred seams. The manufacture does not appear to have been followed in England for more than 60 or 70 years. With the view of improving the condition of the straw plaiters in England, the Society of Arts, from the year 1822 to 1827, held out pre-

miums for the successful application of some of our native grasses or straw, other than the wheat straw in general use, and for improvements in plaiting, finishing, and bleaching. Many specimens were sent to the Society, and amongst other candidates, Mr. Parry, of London, in 1822, received a large silver medal for an imitation and description of the mode of plaiting the Leghorn hats.

Messrs. J. and A. Muir, of Greenock, who received two medals in 1823, established straw plaiting, in imitation of Leghorn, in the Orkney Islands, with singular success, adopting rye straw, dwarfed by being grown on poor land, as a material best suited for the purpose.

HATTON, SIR CHRISTOPHER, made lord chancellor, 1583; being the first that was neither priest nor lawyer that had held that office; he died in 1591.

HAUFF, WILHELM, a German writer, author of "Lichtenstein," an historical romance in 3 vols.; born at Stuttgart, November 28, 1802, died November 18, 1827.

HAUY, ABBE', the discoverer of the true system of chrysallography, born 1743, died 1822.

HAVANNAH, or HAVANNA, sea-port, island of Cuba, formerly the rendezvous of the Spanish fleets in the West Indies, was taken by a French pirate in 1536, but ransomed soon after. It was taken successively by the English, French, and Buccaneers, and assaulted vigorously again by the English in 1762. It was restored to Spain in 1763. For a long period Havannah engrossed almost the whole foreign trade of Cuba. There has been, since 1827, a great increase of the exports of sugar, the quantity shipped from the various licensed ports of the island of Cuba having amounted, in 1833, to 190,613,825 lbs.

HAVARD COLLEGE, New England, built 1650, burnt down and rebuilt, 1764.

HAVERFORDWEST, market town, Pembrokeshire, was the ancient capital of the Flemings in South Wales, and was defended by a castle founded by Gilbert de Clare, first Earl of Pembroke. It was garrisoned for Edward IV. during Glendwr's wars, and for Charles I. in the rebellion.

HAVRE DE GRACE, town, Normandy,

was founded by Louis XII., fortified strongly by Cardinal Richelieu, still further defended by order of Napoleon, who caused docks to be constructed, and two light-houses to be erected. In 1794 and 1795, this place was bombarded by the British.

HAWARDEN, or **HARDEN**, town, Flintshire, had an ancient castle founded soon after the conquest. It was occupied severally by the royalists and parliamentarians during the rebellion, but surrendered finally to general Mytton, on March 17, 1645, and was demolished.

HAWES, **DR. W.**, inventor of the method of restoring suspended animation, adopted by the Humane Society, died 1808.

HAWII. See **OWYHIE**.

HAWKE, **LORD**, admiral, born 1713, died 1781.

HAWKERS AND PEDLERS. By the 50 Geo. 3. c. 41., hawkers and pedlers are to pay an annual duty of £4; and if they travel with a horse, ass, or other beast, bearing or drawing burden, they are subject to an additional duty of £4 for each beast so employed. The granting of licences, and management of the duties are, by a late act, placed under the control of the commissioners of stamps. The hawkers' and pedlers' duty produced in 1832, £28,542 gross revenue; the charges of collection amounted to between £5000 and £6000.

HAWKESWORTH, **DR. JOHN**, author of the "Adventurer," &c. died Nov. 17, 1773, aged 50.

HAWKINS, **SIR JOHN**, a successful naval commander, was born at Plymouth in 1520. While very young he made several voyages to Spain, Portugal, and the Canaries. He is said to have been the first person who set on foot the infamous traffic in slaves. He fitted out a small squadron, assisted by several merchants, with whom he sailed to the coast of Guinea, where, partly by money, but chiefly by force, he obtained a cargo of three hundred blacks, whom he carried to Hispaniola and sold. Success in one instance induced him to continue the same piratical trade, which, to the honour of our country, has been now abolished with all the indignation it merited.

In 1573 he was appointed treasurer of the navy; in 1588, rear-admiral on board the Victory, to confront the famous Armada. His conduct on this occasion

obtained for him the high commendations of his sovereign, the honour of knighthood, and other important commands in the navy. He died, in 1595, it is said of vexation, on account of an unsuccessful attempt on the enemy's possessions in the West Indies, and in the Canaries. He sat twice in parliament as burgess for Plymouth, and once for some other borough. He erected an hospital at Chatham, for the relief of disabled and diseased seamen, and is highly applauded by his contemporaries, and by historians who lived after him.

HAWKINS, **SIR RICHARD**, son of the preceding, and a naval commander, died in 1622.

HAWORTH, **ADRIAN HARDY**, fellow of the Linnæan and Horticultural Societies, &c., and a distinguished entomologist and botanist, was born at Hull; died Aug. 24, 1833. His most important works are the following:—"Observations on the Genus Mesembryanthemum," 8vo. 1794; the first part of the "Lepidoptera Britannica," 1803, and finished in the fourth part in 1828, 8vo.; "Synopsis Plantarum Succulentarum," 8vo., 1812; "Supplementarum Plantarum Succulentarum," 8vo., 1819.

HAY, **WILLIAM**, English poet and miscellaneous writer, born 1700, died 1755.

HAYDN, **JOSEPH**, a celebrated modern composer of music, was born at Rhorau, in Lower Austria, in 1732. In 1759 he was received into the service of Count Marzin, as director of his music; and three years afterwards removed to the palace of Prince Esterhazi, to whose service he was afterwards constantly attached. In 1790 Haydn visited London, where he met with a most gratifying reception; and after a stay of 18 months, he returned to Germany. During his stay in England, several literary societies conferred on him the honours to which his extraordinary genius entitled him. The University of Oxford presented him with a doctor's diploma, an honour which Handel himself had not obtained. On this occasion, custom requiring that Haydn should send the University a specimen of musical science, he addressed to them a sheet of music so composed, that whether it was read backwards or forwards, beginning at the top or bottom, or middle of the page, it always presented an air and an original accompaniment. On his return to Germany he composed his oratorio of the

Creation, which is considered one of his finest works. At length, however, he bent under the weight of years; he ceased entirely to compose about 1803, and died, May 31, 1808. He was mild, modest, and unassuming, and free from that envious spirit which is too commonly displayed by men of science towards others, who are supposed to rival them.

HAYES, CATHERINE, hanged for the murder of her husband, April 20, 1726.

HAYES, CHARLES, English mathematician, born 1678, died 1760.

HAYES, WILLIAM, doctor in music, began his career early in life, as organist of St. Mary's, in Shrewsbury; was organist at Christchurch, Oxford, where he settled, and was sole director of the choral meetings, concerts, and encænia, and every musical exhibition in that University to the time of his death, about 1779.

HAYLEY, WILLIAM, an eminent modern writer, the friend and biographer of Cowper, born at Chichester, Oct. 29, 1745. In his 12th year he was placed at Eton, and afterwards went to Trinity Hall, Cambridge. He left college in 1767, without taking a degree, having entered himself at the Middle Temple. It was not till 1777, when in his 33d year, that Hayley fairly took the field as an author, and published his "Essay on Painting." In this poem, and in the "Essays on History and on Epic Poetry," Hayley's intention was, that the composition should be historical rather than preceptive, presenting a general view of the art in question, with a just and animating character of its most eminent professors. These Essays, with his "Triumphs of Temper," published soon after, made him the popular poet of the day; and they were followed by his "Philosophical, Historical, and Moral Essay on Old Maids."

In 1790, Hayley visited Paris. It was about this time that his acquaintance with Cowper commenced. A correspondence which had been begun, produced a visit from Hayley; and so cordially did they soon learn to esteem each other, that Cowper, who had not left his abode before for 20 years, made a journey that autumn to see him. After the death of his son, in 1800, which deeply affected his mind, Hayley retired to a small cottage he had built, where he passed the remainder of his life, and died in 1820.

HAYMARKET, ST. JAMES'S. The hay and straw market formerly carried on in this street, was removed to Paddington, in 1830. Under the Act for its removal, the Commissioners of Woods and Forests announced that, from Jan. 1, 1831, a market would be held for the sale of hay and straw every Tuesday, Thursday, and Saturday, in an area near the Regent's Park and the Canal basin, to be called Cumberland Market.

HAYTI, or HAITI, called also St. Domingo, a large island in the West Indies, now forming an independent negro republic, which may be considered one of the most interesting portions of the New World. This was the first large island discovered by Columbus, who landed there Dec. 5, 1492, and made it, under the name of Hispaniola, the seat of his first colony. About the middle of the 16th century, a daring band of French buccaneers established themselves in the western districts; they were owned and supported by the French government, which ultimately became possessed of this part of the island. The settlement was at first checked by the injudicious restraints of an exclusive company; but a more liberal policy being adopted in 1722, it rapidly advanced to a degree of prosperity unprecedented. In 1789 the imports were valued at upwards of £5,000,000 sterling. The French Revolution caused an extraordinary change in the state of Hayti.

1791. The convention caused to be proclaimed throughout the island their favourite doctrine, that all men were free and equal. This proclamation gave rise to a contest between the white and free coloured population; and St. Domingo became the scene of the most dreadful ravages, and of massacres as horrid as the world has ever witnessed. At this critical juncture the English, then at war with France, invaded St. Domingo, and the French commissioners, to whom the government of the island had been intrusted, issued a proclamation of freedom, with a view to insure the assistance of the negroes, under Touissaint l'Ouverture and Christophe, to which they were principally indebted for the expulsion of the English, and their continued possession of the island.

1802. During the short interval of peace between England and France, an expedition was fitted out by the government of the latter country, and sent to

St. Domingo, to reduce the negroes to slavery a second time. For this purpose an army was transported across the Atlantic, under the command of General Le Clerc. The negro leaders flew to arms, and, after a doubtful and desperate struggle, they expelled their foes, secured their rights, and took possession of the island. The French general, Le Clerc, enraged at having failed to accomplish the conquest of the island, and considering Touissant the main support of the negro cause, seized him while alone and unprotected, bound him in chains, and sent him to France as a prisoner, where he ended his days in the gloomy dungeon of Besançon. Dessalines succeeded to his authority, but his government was marked by arrogance and folly; and, after a miserable reign of six years, his principal officers resolved on cutting him off, which was effected in October, 1806.

1806—1814. The sovereignty of Hayti was now contended by two rival chieftains; Christophe, who had been the most distinguished in his opposition to the French, and Petion, a mulatto, celebrated for his abilities, and for the influence he had acquired over the troops under his command. Numerous battles, during a period of several years, were fought between these rivals, till, finding their resources greatly diminished, they suspended hostilities, and retired to their head-quarters to commence their plans of improvement and civilization. Christophe selected Cape François for the seat of his government, and was crowned king. The seat of the republican government under Petion was Port-au-Prince, a place next in magnitude and importance to Cape François. Although there were many points in which the parties of the two chiefs differed, they agreed in cherishing a violent and unconquerable hatred towards France, and in avowing their determination never to be induced, by any considerations whatever, to submit to her authority, or to admit the validity of her claims. The sincerity of these declarations was put to the test when, on the return of Louis XVIII. to the throne of France in 1814, an attempt was made by the government of that country to recover possession of the colony, but without success.

1815—1820. The government of Christophe, which, during the first years of his reign, was equally mild and judicious

had gradually grown so arbitrary, as to become insupportable to the people. The troops stationed at St. Marc's, a town on the west coast, mutinied against their officers; Christophe despatched a messenger to the cape, with orders for the garrison at that place to march without delay to St. Marc's, and put to death the ringleaders; the whole garrison flew to arms with the determination of destroying their sovereign. When news of this revolt reached the ears of Christophe, he seized one of the pistols, with which he was always provided, and shot himself through the head, October 9, 1820.

1821—1825. With Christophe ended what has been denominated the Haytian monarchy. Boyer, who had succeeded Petion, proceeded to Cape François, and entering it at the head of 20,000 men, was immediately proclaimed the sole authorised chief of the whole island of Hayti. After the union of both parties into one republic, attempts were made to conciliate France. Boyer, the president, had thrice, viz., in 1814, 1816, and 1823, offered to compensate the former proprietors for their losses; but France wished to stipulate for sovereignty, and to this the Haytians would not consent.

1826. Acknowledgment of the independence of Hayti by France. The inhabitants, as might naturally be expected, have experienced some revolutionary struggles; but, although they have been in the midst of slave colonies, belonging to several European nations, they are an independent negro state, and are daily increasing in population.

1827—1840. During the years which have elapsed since the acknowledgment of the independence of the Haytians by the French, that important circumstance has been the means of promoting their agriculture, extending their commerce, increasing their wealth and influence, and of introducing among them more efficient plans for the communication of knowledge than any which could have been previously established.

HAYWARD, SIR JOHN, in 1599, published the first part of the "Life and Reign of King Henry IV.;" for which, on account of some things advanced in it, he was imprisoned by order of Queen Elizabeth. He died in 1627.

HAYWOOD, MR. JUSTICE, stabbed in Westminster Hall, by a papist, 1640.

HAZLITT, WILLIAM, a well-known

critical and miscellaneous writer, was educated at the Unitarian College, at Hackney; he was engaged as parliamentary reporter for some of the daily papers, particularly about 1809 and 1810, for the *Morning Chronicle*. His largest and most elaborate performance is "The Life of Napoleon," in four volumes. He was one of the writers in the Supplement to the *Encyclopædia Britannica*; he also published, "Political Essays and Sketches of Public Characters," &c. He died, Sept. 18, 1830.

HEALTHS, the custom of drinking them was in fashion so early as A.C. 1134. Some say they arose in England from Rowena, the daughter of Hengist, drinking Prince Vortigern's health in a gold cup, at an entertainment, about 460, in conformity to the Scripture compliment, "O King, live for ever!"

HEARNE, THOMAS, the antiquary, born 1678, died 1735.

HEART (a human), found at Waverley, in Surrey, preserved 700 years in spirits, 1731.

HEARTH MONEY, a tax on every hearth or chimney-place, levied on every house in England, by the 13th Charles II. 1662; abolished by William and Mary, 1689.

HEATH, JAMES, an English chronological historian, died 1664.

HEATHFIELD, LORD. See **ELLIOT**.

HEBE, French ship of war, captured by the British ship, *Loire*, Feb. 10, 1809.

HEBER, REGINALD, a late distinguished prelate, was born April 21, 1783, at Malpas, in Cheshire. In 1800 he was admitted of Brazen-nose College, Oxford, where he applied his mind to Latin hexameters; and, on his first attempt, in 1802, obtained the university prize; the subject was "Carmen Seculare." In 1803, the subject given for English verse was Palestine. Upon this theme Mr. Heber wrote, and with signal success. In 1805 he took his degree of B.A., and immediately after tried his powers in English composition, and gained the prize for the English Essay: the subject, "The Sense of Honour." From Brazen-nose College he was elected to a fellowship at All Soul's, and soon after went abroad. He travelled through Germany, Russia, and the Crimea, in company with Dr. Clarke, whose travels in the latter countries were enriched with notes extracted from Mr. Heber's MS. Journal. In 1808

Mr. Heber took his degree of A.M. at Oxford. The next year appeared from the press his poem, "Europe: Lines on the present War." Having been presented to the family-living of Hodnet, at his parsonage, he applied his vigorous intellect to the study of divinity; and, in 1815, preached the Bampton Lectures: the subject selected for him was "The Personality and Office of the Christian Comforter asserted and explained, in a Course of Sermons on John xvi. 7.

In 1822 Mr. Heber was elected by the benchers of Lincoln's Inn preacher to their society, an office which had been filled by Warburton, Hurd, and numerous dignitaries of the church. On the death of Dr. Middleton, the bishopric of Calcutta was offered to Mr. Heber, which, after much deliberation, he accepted, bade farewell to a parish where he had toiled for 15 years, and on June 16, 1823, embarked for the land which was to be his grave. On Ascension-day, 1824, Bishop Heber held his primary visitation in the cathedral at Calcutta. During the remainder of the year 1824, the whole of the year 1825, and part of 1826, Bishop Heber was engaged in travelling over the whole extent of his immense diocese. He preached at Combaconum, on Good Friday, March 24, 1826, and arrived the next day at Tanjore, where he preached on Easter Sunday. The following day he held a confirmation at the latter place, and in the evening addressed the assembled missionaries. At Trinchinopoly, on Sunday, April 2, he preached and confirmed; a rite which he repeated early the next morning in the Fort church, April 3; on his return from the Fort church, he proceeded to the bath, from which he never rose. His body was opened; and it was the opinion of the surgeons that he died of apoplexy. He was the day following entombed in St. John's church, on the plain at the right side of the altar.

"To a superior and highly cultivated mind, he added all the qualities of heart that can render the man an object of love and veneration. He possessed the eye of a painter, and the pen of a poet; a mind richly stored with the literature of Europe, both ancient and modern; great natural shrewdness and sagacity; and a temper as amiable and candid as ever accompanied and adorned the energies of a fine genius. Religion was the presiding influence; but his religion graced

as well as heightened his admirable faculties—it employed and ennobled them all.”

HEBER, RICHARD, half-brother of Reginald Heber, and the celebrated collector of books on old English literature, born 1773, died 1833.

HEBERDEN, DR. WILLIAM, died May 17, 1801, aged 91.

HEBRIDES, OR WESTERN ISLANDS, off the western coast of Scotland. They are 300 in number, of which 86 are inhabited. The first authentic record of this archipelago is, that in the year 900, Harold Harfager, king of Denmark and Norway, after many previous descents, obtained firm possession of the greater number, and placed a viceroy over them. One of his successors declared himself independent, assumed the style of king of the isles, and fixed his seat of government in the Isle of Man, where he and his descendants were sometimes tributary, and at others independent, until the commencement of the 12th century. About this time Somerled became connected by marriage with the king of the isles, separated this part of his dominions from that of Man, made himself master of the greater portion of Argyll, and declared himself an independent prince. A descendant of Somerled, bearing the title of earl of Ross, held the lordship of the isles, in 1335, but, having incurred the displeasure of his sovereign, was reduced to the degree of baron, a title which descends to the present Lord Macdonald. The princes of these isles were long lawless and turbulent, but an act of parliament, passed in 1748, abolishing all heritable jurisdictions, has destroyed the influence of the independent chieftains of the western islands.

HEBRIDES, NEW, a group of islands, South Pacific ocean, originally discovered by Quiros in 1506, and visited by Bougainville in 1763, who called them the Great Cyclades. In 1773 Captain Cook surveyed them, and gave the whole the appellation of the New Hebrides, from his considering them the most western islands of the Pacific ocean.

HECLA, a volcanic mountain, Iceland, has three summits, of which the central is the highest, rising 5000 feet above the level of the sea. Twenty-four eruptions are said to have taken place since 1004, of which the latest were those of 1766, 1818, and 1823. Sir Joseph Banks visited this mountain in 1772, and Sir George Mackenzie in 1810.

HECTOR, the Trojan general, died A.C. 1184.

HEDWIG, JOHN, a celebrated botanist, was born at Cronstadt in Transylvania, in October, 1730. In 1756 he entered into the family of Bosc, professor of botany, for whom he prepared plants for demonstration, and in 1759, took the degree of doctor of medicine. In 1781 he published his great work, entitled, “*Fundamentum Historiæ Naturalis Muscorum Frondosorum*,” in which he gave an accurate history of mosses from his own observations, and illustrated the whole with appropriate plates. He died Feb., 1799, aged 69.

HEGIRA, OR FLIGHT, an epoch or point of time from whence the Mahomedans date their events. The circumstance which gave rise to this epoch was the escape of the false prophet Mahomet, from an insurrection at Mecca, on Friday, June 16, A.D. 622; from which day and year all events in Mahomedan countries are dated. The years of the hegira are lunar years of 354 days, which, in order to find any date, must be reduced to those of the Julian calendar.

HEIDDEGGER, J. J., the famous humourist, died 1749, aged 90.

HEIDELBURG, city of the grand duchy of Baden, chiefly celebrated for its university, called the Rupert Caroline University, founded in 1386; the oldest in Germany, after those of Prague and Vienna. It early adopted the Calvinistic doctrines, and took a prominent part in the Reformation. The town was taken in 1622, by the Roman Catholic general Tilly, who carried off the library. It was ceded, in 1802, to Baden, since which time it has greatly revived.

HEILBRON, treaty of, between Sweden and the northern protestant states of Germany, after the death of Gustavus Adolphus, 1633.

HEINETKIN, CHRISTOPHER, the learned prodigy of Lubeck, who was master of several languages at four years old, when he died, 1725.

HELDER, a fortress in Holland, opposite to the mouth of the Texel. The dutch admiral, Van Tromp, was killed near this place in 1653. The fort was taken by the English in September, 1799, under Sir Ralph Abercromby, and the whole Dutch fleet surrendered to them for the service of the prince of Orange; but the fort was abandoned in the November following.

HELEN, rape of, by Paris, A.C. 1198.

HELENA, Str., island, Atlantic Ocean, between Africa and South America, celebrated as the scene of the exile of Napoleon. It was discovered by the Portuguese in 1501, afterwards possessed by the Dutch, and finally came into the hands of the British about the year 1651. Buonaparte arrived here in November, 1815, and died here May 5, 1821. During his residence on this island, in order to prevent his escape, a large garrison of king's troops, and a considerable squadron was maintained at the island, which the East India Company placed under the government of the crown. In 1822 the whole of the king's troops were removed, and St. Helena reverted to the possession of the East India Company. In 1823 Brigadier-general Walker arrived from England as governor. Under his administration many judicious plans for the improvement of the settlement were persevered in, particularly the abolition of slavery, previously begun, the establishment of schools, &c. St. Helena remained as the property of the East India Company until the non-renewal of the Company's commercial charter in 1833, when it became one of the crown colonies.

HELIGOLAND, anciently **FOSTELAND**, a group of islands in the North Sea, said to have been formerly of considerable extent, the residence of a chief of the Sicambri, or north Frieslanders, and the seat of worship of the Saxon deity Fosteta; from which last circumstance it derived its name. The chief island was taken in 1807 from the Danes by the English admiral, Russel, and since the peace of Kiel has continued in the possession of the British. During the general war of Europe magazines of goods were formed here in order to be smuggled into the continent. The British ceased to occupy it as a military post in 1821.

HELIODORUS, born at Emessa, in Phœnicia, flourished under the emperors Theodosius and Arcadius, at the close of the 4th century.

HELIODORUS of Larissa, a Greek mathematician, who flourished soon after the reign of Tiberius, about A.D. 40, was author of a treatise on Optics, of which a fragment only was published at Florence, in Greek and Latin, in 1573.

HELIOGABALUS, a Roman emperor, of infamous character, was son

of Varius Marcellus, and called Heliogabalus because he had been priest of the sun in Phœnicia. He was proclaimed emperor May 16, 218, when he was only about 15 years of age. He was murdered by his own soldiers in 222, after a reign of three years and three quarters.

HELIOSCOPE, a telescope which reflects the image of the sun on a plain surface, invented 1625.

HELL-FIRE CLUBS suppressed by order of council, April 29, 1729.

HELMONT, J. BAPTIST VAN, philosopher and chemist, died 1644.

HELMSTADT, or **JULA**, Brunswick Wolfenbuttle, university of, founded in 1576.

HELVETIC REPUBLIC, established in 1803.

HELVETIUS, CLAUD ADRIAN, a celebrated French philosopher, was born at Paris in 1715. In 1758 his great work, "De l'Esprit," made its appearance; but it was condemned by the parliament of Paris. To avoid the malice of his enemies, Helvetius came over to England in 1762, and in the following year visited Prussia, where he was received by the king with every mark of respect. He died December 1771, aged 56.

HELVOETSLUYS, a town in Holland. William III., of England, sailed from this port in 1688. A ship canal, completed in 1830, connects this town with Rotterdam.

HEMANS, MRS., a distinguished modern authoress, whose name before her marriage was Felicia Dorothea Brown, was born at Liverpool. She was married at an early age, and after the birth of five sons, retired into Wales. In consequence of ill health she removed to Dublin in March 1831, to be nearer to her physicians; but her disorder continued, and though not wholly confined to her bed, she was scarcely equal to the exertion of reading. On the 26th of April, 1825, she closed her poetical career by dictating the "Sabbath Sonnet," which will be read and remembered as long as her name is loved and cherished. From this time she sunk away gently but steadily. She died May 16 following. After her death was published a volume of "Poetical Remains."

HENAULT, a French historian, born 1685, died 1774.

HENDERSON, JOHN, an eminent English actor, died 1785, aged 38.

HENGIST, first Saxon monarch of Britain, born at Angria, in Westphalia; reigned 34 years, and died in 484.

HENLEY, JOHN, an itinerant orator, died October 14, 1756.

HENNIS, PETER, M.D., killed in a duel, by Sir John Jephcott, at Exeter, May 18, 1833.

HENRY I., king of England, born 1068, crowned August 5, 1100; married Matilda, daughter of Malcolm, king of Scots, November 11 following. Surfeited himself with eating lampreys, at Lyons, near Rouen, in Normandy, and died December 1, 1135, aged 68.

HENRY II., king of England, grandson of Henry I., born 1133; married Eleanor, heiress of Guienne and Poitou, on Whit Sunday, 1152, the divorced wife of Louis VII., king of France. Began his reign October 24, 1154; crowned at Lincoln, 1158; again at Worcester, 1159. Died with grief at the altar, cursing his sons, July 6, 1183, aged 61, and was buried at Fonteverard, in France.

HENRY III., king of England, born October 1, 1207, crowned at Gloucester, October 28, 1216; married Eleanor, daughter of the count of Provence, January 14, 1236. Died at St. Edmundsbury, November 26, 1272.

HENRY IV., grandson of Edward III., born 1367; married Mary, the daughter of the earl of Hereford, who died in 1394, before he obtained the crown. Crowned October 13, 1399; married a second queen, Joan of Navarre, widow of the duke of Bretagne, 1403. She was crowned with great magnificence, January 26 following, and died in 1437. He died of an apoplexy, in Westminster, March 20, 1413, and was buried at Canterbury.

HENRY V. king of England, was born in 1388, crowned at Westminster, April 9, 1413. Married Catherine of France, on May 30, 1420. She was crowned at Westminster Feb. 22, following. Henry died of pleurisy, at Rouen, Aug. 31, 1422, aged 34, and was buried at Westminster.

HENRY VI. king of England, born at Windsor, Dec. 6, 1421, ascended the throne Aug. 31, 1422, crowned at Westminster, Nov. 6, 1429, crowned at Paris Dec. 17, 1430. Married to Margaret, daughter of the duke of Anjou, at Southwick, Hampshire, April 22, 1445, and was crowned at Westminster, May 30 following. Taken prisoner at St. Al-

ban's, 1455, but regained his liberty 1461; and deposed March 5 following, by his fourth cousin Edward IV. Henry was murdered in the Tower, June 20, and buried at Chertsey, aged 49, 1471.

HENRY VII. king of England, born 1455, defeated Richard III. in Bosworth-field, and was elected king 1485, crowned Oct. 30, the same year. Married Elizabeth, daughter of Edward IV. Jan. 18, 1486, who was crowned Nov. 25, 1487, following. Died of a consumption, at Richmond, April 22, 1509, aged 54. Was buried at Westminster.

HENRY VIII. king of England, born June 28, 1491. Married Catherine, Infanta of Spain, widow of his brother Arthur, June 3, 1509. Crowned June 24, following. Divorced queen Catherine, and married Anne Boleyn, Nov. 14, 1532. Anne crowned, June 1, 1533. Put Anne, his second queen, to death, May 19, and married Jane Seymour, May 20, 1536, who died in child-bed, Oct. 12, 1537. Married Anne of Cleves, Jan. 6, 1540, divorced her, July 10, 1540. Married Catherine Howard, his fifth wife, Aug. 8, following, and beheaded her on Tower-hill, with Lady Rochford, Feb. 12, 1542. Married Catherine Parr, his sixth wife, July 12, 1543. Died of a fever at Westminster, Jan. 28, 1547, in the 56th year of his age. Was buried at Windsor.

HENRY III. king of France, murdered by a monk, Aug. 1, 1589.

HENRY IV. king of France, killed by Ravailac, May 14, 1610.

HENRY, DR. ROBERT, historian, died Nov. 24, 1790, aged 72.

HENRY, DR. CHARLES, one of the greatest scientific ornaments of Manchester, and a chemist of the highest reputation. He finished his education in the University of Edinburgh, where he attended the lectures of the illustrious Dr. Black, and was the associate and friend of Brougham, Jeffrey, and Mackintosh. Soon after the termination of his collegiate education, he delivered, in Manchester, several courses of lectures on chemistry. The notes of these courses ultimately led to the publication, in 1799, of a small volume on the science, which in successive editions in the early part of this century, gradually became a detailed and excellent treatise on the subject. In 1836, he attended the meeting of the Bristol Scientific Association at Bristol, where he was appointed one of

the secretaries for the next year's meeting at Liverpool. He had just returned, when under the influence of great nervous irritability, he shot himself with a pistol, Aug. 30, aged 61.

HENRY, MATTHEW, an eminent non-conformist divine, was the son of Mr. Philip Henry, one of the ejected ministers, and was born in 1662, at Broad Oak, in Flintshire. He completed his education at an academy at Islington, under the care of Mr. Doolittle, and afterwards entered at Gray's Inn for the study of the law. But having determined to devote his life to the study of divinity, he soon after retired into the country, and was chosen pastor of a congregation at Chester. From thence he removed to Hackney, where he laboured constantly and with great acceptance. He died at Nantwich in 1714, in the 52d year of his age, and was interred at Trinity Church in Chester. His great work as an author was his well known "Exposition of the Bible," in five vols. folio. He had proceeded only as far as the Acts of the Apostles, when death arrested his progress, and the remainder was afterwards finished by Dr. Evans. He was author of many other smaller works, of which his Catechisms and Method of Prayer are the most popular.

HENRY VII.'s chapel, Westminster Abbey, began to be built, Jan. 11, 1502; finished 1504.

HENRYSOUN, ROBERT, author of "The Testament of Creseide," died in the reign of Henry VIII.

HEPHÆSTION, the Macedonian general, died A.C. 325.

HEPTARCHY, THE SAXON, included all England, which was cantoned out into seven independent petty kingdoms, peopled and governed by different clans and colonies, viz. those of Kent, the South Saxons, West Saxons, East Saxons, Northumberland, the East Angles, and Mercia. The heptarchy was formed by degrees from the year 455, when first the kingdom of Kent was erected, and Hengist assumed the title of King of Kent immediately after the battle of Eglesford; and it terminated in 827, when King Egbert re-united them into one, made the heptarchy into a monarchy, and assumed the title of king of England. The government of the heptarchy, reckoning from the founding of the kingdom of Mercia, the last of the seven Anglo-Saxon kingdoms, lasted

243 years; if the time spent by the Saxons in their conquests from the arrival of Hengist in 449 be added, the heptarchy will be found to have lasted 378 years from its commencement to its dissolution. See ENGLAND.

HERACLIDÆ, the descendants of Hercules, were expelled from Peloponnesus by Euristheus, king of Mycenæ, after the death of Hercules. After various unsuccessful attempts they regained possession of their native country, whither they returned about A.C. 1104. This event, according to some writers, forms the epocha of the beginning of profane history. Ephorus, Cumanus, Calisthenes, and Theopompus, only begin their histories from thence.

HERACLIUS, an eastern emperor, and son of Heraclius the governor of Africa. He vanquished the tyrant Phocas in 610. In his expedition against the Tigris he fought a battle near the site of the ancient Nineveh in 627, and gained a complete victory over the Persians. In 628 he obliged the Persian king to put an end to the persecution of the christians. He died Feb., 641, aged 31.

HERALD, an officer of arms, anciently in great repute. The Romans had a college of heralds. The office of heralds was first introduced into England about the time of Edward I. Richard III. was the first who formed them into a college; and afterwards great privileges were granted them by Edward VI., and Philip and Mary. Modern heralds have lost a good deal of the distinction and office of the ancient. The society of heralds in England consists of four kings at arms, who are called Garter King at Arms, Clarencieux, Norroy, and Bath; six heralds, viz., Somerset, Chester, Windsor, Richmond, Lancaster, and York; four pursuivants, who may be considered as the apprentices of heraldry, viz., Rouge-dragon, Portcullis, Blue-mantle, Rouge-croix.

HERBELOT, BARTHOLOMEW DE, a French writer, born 1625, died 1695.

HERBERT, LORD EDWARD, OF CHERBURY, author of the "History of Henry VIII.," born 1581, died 1648.

HERBERT, REV. GEORGE, the poet, born 1593, died 1635.

HERCULANEUM, an ancient city of Campania in Italy, supposed to have been founded about A.C. 1342. Destroyed by an eruption of Mount Vesuvius, A.D.

79. Celebrated for the curious monuments of antiquity discovered in its ruins. It was destroyed in the same eruption with that of Pompeii, and which proved fatal to the elder Pliny. The situation of this subterraneous city was not exactly known till 1713, when it was accidentally discovered by some labourers, who, in digging a well, struck a statue on the benches of the theatre. Others were afterwards dug out and sent out to France. Since then, the excavations have been continued at different periods. By a letter communicated to the French Academy of Inscriptions, and the Academy of the Fine Arts, in January, 1829, it appears that the most brilliant discoveries were daily making both at Herculaneum and Pompeii. A magnificent mansion was then gradually appearing at Herculaneum, the garden of which, surrounded by colonnades, was the grandest which had hitherto been found.

HERDER, GOTTFRIED, author of "Ideas of a Philosophic History of Mankind," born in Prussia, 1741, died 1804.

HEREDITARY PEERAGE, abolished in France, 1832.

HEREFORD, capital of Herefordshire. A bishop's see was founded here about 680. Offa, king of Mercia, held his court here, and having invited Ethelbert, king of East Anglia, to his court, murdered him, and, as an atonement, built a church, which is now the cathedral. In 1055 the city was attacked and burnt by the Welsh, but rebuilt and fortified by William the Conqueror. In the wars between the Empress Maud and King Stephen, and, during the subsequent contests between Henry and his barons, and also in the strife between the houses of York and Lancaster, this city was frequently the scene of hostilities, and was several times besieged and taken. It was also twice besieged and once taken during the civil wars between Charles I. and his parliament.

HEREFORD CATHEDRAL, built, 1107; nearly destroyed by the falling of the tower, Sept. 10, 1786.

HERIOT, JOHN, an English writer of some eminence, born in 1760, died in 1833.

HERITABLE jurisdictions in Scotland abolished in the year 1747; valued at £164,232 16s.

HERMIONE, Spanish ship, taken March 21, 1762, which, with the cargo, sold for £544,648 clear of expenses.

HERMIPPUS, of Smyrna, the peripatetic philosopher and grammarian, flourished A.C. 208.

HERO, of 74 guns, lost off the Texel, with the whole crew, Dec. 24, 1811.

HEROD THE GREAT, king of the Jews, born about A.C. 71, succeeded to the regal dignity, A.C. 37; put his wife, Mariamne, to death, and his mother-in-law, Alexandria, A.C. 28. His two sons were put to death by order of the Jewish council, A.C. 6. The birth of Christ happened in the 33d year of his reign: this was followed by the massacre of the children of Bethlehem. He died Nov. 25, A.D. 4.

HEROD, ANTIPAS, created tetrarch of Galilee and Perea, 4.

HEROD, ARCHELAUS, made king of Judea, &c. 4.

HERODIAN, an eminent Greek historian, who flourished in the third century, in the reign of Severus, Caracalla, Heliogabalus, Alexander, and Maximin. He wrote the history of Rome, in eight books.

HERODOTUS, the most ancient Greek writer whose works are preserved, was born in the first year of the 74th Olympiad, or about A.C. 484, at Halicarnassus. His history is divided into nine books, which, according to the computation of Dionysius Halicarnassensis, contain the most remarkable occurrences within a period of 240 years, from the reign of Cyrus, the first king of Persia, to that of Xerxes, when the historian was living.

HERRERA, HERNANDO DE, EL DIVINO, a celebrated Spanish poet, flourished in the 16th century.

HERREROS-GARCIA, minister of grace and justice in the Spanish government, condemned by the arbitrary will of Ferdinand VII. to serve eight years in chains in the garrison of Gomere, 1815.

HERRINGS, or HERRING FISHERY. The Dutch are said to have engaged in the fishery in 1164. The invention of pickling, or salting herrings, is ascribed to one Beukels, or Beukelson, of Biervliet, near Sluys, who died in 1397. Since this early period the Dutch have uniformly maintained their ascendancy in the herring fishery.

Various attempts have been made in England at different periods to encourage the herring fishery. In 1749 £500,000 was subscribed for carrying on the fish-

eries under the corporation called "The Society of the Free British Fishery." This having failed, a new company was formed for nearly the same objects, in 1786, of which George III. was patron: it had nearly the same fate. In 1808 a fresh attempt was made for the improvement and extension of the fishery. The act 48 Geo. III., established a distinct set of commissioners for the superintendence of all matters connected with the fishery. In 1820 a bounty of 2s. a barrel was allowed on all herrings cured and gutted during the six years, ending April 5, 1825, and a bounty of 2s. 8d. a barrel on their exportation, whether cured gutted, or ungutted. During the 11 years, ending April 5, 1826, the bounty on herrings cured gutted was 4s. a barrel. By an act passed in 1825, the bounty of 2s. 8d. on exported herrings was made to cease in 1826, and 1s. was annually deducted from the bounty of 4s. a barrel paid on gutted herrings, till it ceased in 1830. In 1838, the quantity of herrings exported from Great Britain was 128,931 barrels, at the declared value of £135,916.

HERSCHELL, SIR W., LL.D. F.R.S., distinguished for his discoveries in astronomy, was born in Hanover, in 1738, and brought up as a musician. In 1759 he left his native country and repaired to London. He afterwards obtained the situation of organist at Halifax, in Yorkshire. In 1766 Herschel removed with his brother to Bath, where they were engaged for the pump-room band, by the late Mr. Lindley. A few years after he turned his attention to astronomy, and in 1774, had the inexpressible pleasure of viewing the stars through a Newtonian reflector of five feet, of his own construction. In 1781 he discovered a new planet, which, in compliment to the king of England, he named the Georgium Sidus, but which astronomers call, in honour of the discoverer, Herschel. This discovery was announced to the Royal Society, who decreed him their annual gold medal, and unanimously elected him a fellow. In 1782 he quitted Bath with his instruments, and took up his residence at Slough, near Windsor, in a house provided for him by the king, who appointed him his professor of astronomy, with a pension. His telescope, of 40 feet, was completed in 1789, and he then rendered an account of it to the Royal Society, who soon published it in

their transactions. After a long life of active pursuit of his favourite discoveries, he died at Slough, Sept. 1822, in the 84th year of his age.

HERSCHELL, SIR JOHN, son of the preceding, proceeded to the Cape of Good Hope to make observations on the stars of the southern hemisphere, Nov. 18, 1833. Festival, on Friday, June 15, 1838, in honour of Sir John Herschell, and in commemoration of his return from southern Africa, after having executed a minute astronomical survey of the southern hemisphere, in accordance with the intention, and in furtherance of the design of his illustrious father. The sum of £1000, placed by the duke of Northumberland at the disposal of Sir John Herschel, for carrying on the astronomical observations at the Cape, not being required, was to be appropriated to the publication of his work on the subject.

HERTFORD, chiefly remarkable for its castle, founded by Edward the Elder, about A.D. 905, but re-built and probably enlarged after the Conquest. In the reign of Edward III., John, king of France, taken prisoner at the battle of Poitiers, was an occasional resident in this fortress; as also David, king of Scotland, when a prisoner in England. The lordship and castle of Hertford belong to the crown; and during the war between King John and his barons, the latter was taken by the forces of the barons, but restored in the reign of Henry III.

HERULI, a tribe of Goths, began to invade the Roman empire in 356, formed the kingdom of Italy under Odoacer 476. See **ODOACER**.

HERVEY, JAMES, a divine, and popular writer in the church of England, was born at Hardingstone, in 1714. Being intended for the church, he was sent to the university of Oxford, and in 1740 made curate of Biddeford, in Devonshire. In 1734 he became curate to his father, who held the living of Weston-Favell, in Northamptonshire, and afterwards succeeded him. His exertions in this situation brought on a decline, of which he died in December, 1758, being only 44 years of age. His most popular works are "Meditations among the Tombs," and "Reflections in a Flower Garden," published in 1746.

HESIOD, an ancient Greek poet, said by some to have been contemporary with Homer, but by others his age is fixed about A.C. 944.

HESSE-CASSEL, electorate, Central Germany. The Hessians were conquered under Augustus by Germanicus, son of Drusus. At a later period they belonged to the empire of the Franks. The German king, Adolphus of Nassau, made Hesse an imperial principality in 1292. It was often separated and reunited; and in 1500 William III. was in possession of the whole of it. He died in 1509, and was succeeded by his son, Philip; who died in 1562, and divided his dominions among his four sons, two of whom died without heirs, and from the other two have sprung up the two lines of Hesse-Cassel and Hesse-Darmstadt. In 1806 the elector of Hesse-Cassel was driven from his territories by Napoleon, and Hesse then formed the main part of the kingdom of Westphalia. He resided in England until 1813, when the general pacification of Europe again restored him to his dominions.

HESSE-DARMSTADT, or **THE GRAND DUCHY OF HESSE**, was early a member of the Confederation of the Rhine; and having united with France in the revolutionary war, received considerable accession of territory from Buonaparte in 1813. The grand duke at first took part with the French against the allies; but after the battle of Leipsic joined the allies, on condition of being allowed to retain his possessions. This was agreed to, and the treaty subsequently confirmed by the congress of Vienna in 1815, when some territory on the left bank of the Rhine was exchanged with him for a portion on the right, rendering Hesse-Darmstadt more compact, and adding also to its extent and population.

HESSE-HOMBURG, landgraviate, Central Germany, by a singular compact became a fief of Edward I., of England, in 1294. The eldest son of the landgravine espoused, in 1818, the princess Elizabeth, daughter of George III. of England.

HEWSON, WILLIAM, an eminent anatomist, born 1739, died 1774.

HEXHAM, Northumberland, was formerly a place of importance, and the see of a bishop, founded in 674, but subsequently removed to Durham. Near this town, in 1463, was fought the sanguinary battle of Hexham, in which Lord Montacute, brother of the earl of Warwick, at the head of an army of Yorkists, utterly defeated the Lancas-

terians. In 1761 Hexham was much disturbed by a combination amongst the miners.

HEY, DR. JOHN, author of "Theological Lectures," died March 17, 1815.

HEYWOOD, JOHN, a dramatic poet, died 1572.

HIBERNIA, Captain Brend, from Liverpool to New South Wales, with 232 persons on board, of whom 208 were passengers going out as settlers, destroyed at sea by fire, kindled through the negligence of the second mate, in west longitude 20° and south latitude 4°; 150 lives lost, February 5, 1833.

HICKS'S HALL, formerly at the bottom of St. John's-street, near Smithfield, London, built 1612, pulled down 1782.

HIERONYMUS of Rhodes, the peripatetic philosopher, flourished A.C. 255.

HIGGINS, GODFREY, author of Celtic Druids, born 1771, died 1833.

HIGGONS, BEVIL, an English dramatic poet and historian, died 1755.

HIGHGATE ARCHWAY, first stone of, laid October 31, 1812; completed 1813; opened August 20, 1813.

HIGHLANDS, northern district of Scotland, were peopled first about A.C. 200, by the Cimbri from the Cimbric Chersonesus, who subsequently gave way to the Caledonians, or Picts, from Norway; and these, according to the Romans, to the Attacotti, who, in the middle of the 3d century, passed from Ireland into Argyll, drove the former southward, and became the germ of the Highlanders, as the preceding tribes had already become of the Lowlanders. The Highlanders were a pastoral people until 845, when Kenneth II. conquered the Picts, and the country became the scene of rapine and bloodshed, which led to the corruption of their peaceful character, and for several centuries they were engaged in warfare. The Highlanders, from the rough, inaccessible nature of their country, had but little intercourse with their neighbours until 1762, when, by a commission of George I., General Wade constructed 250 miles of road through the country, in various directions, which has tended greatly to its improvement. See SCOTLAND.

HIGHLAND SOCIETY FOR AGRICULTURE, instituted February 1785.

HILDESHAM, a principality, kingdom of Hanover, was for a long time an independent ecclesiastical state. Louis

le Debonnaire founded the bishopric in 822. It was in 1520 placed under a ban of the empire, and seized by the dukes of Hanover and Brunswick, and not restored until 1643. The bishopric was from that time under the protection of Hanover, until 1802, when it was seized by Russia. In 1807 it was annexed to the kingdom of Westphalia, and in 1814 added to the kingdom of Hanover.

HILL, AARON, English poet, born 1685, died Feb. 8, 1750.

HILL, REV. ROWLAND, M.A., the celebrated minister of Surrey chapel, Blackfriars-road, was born Aug. 12, 1744; educated at Eton-college and at St. John's-college, Cambridge, where he graduated B.A. 1769, as seventh junior optime; M.A. 1771. Before he was of age to take orders, he occasionally preached at the Tabernacle, and at the Tottenham-court-road chapel, which threw some impediment in the way of his receiving ordination. The bishop of Bath and Wells (Dr. Wills) was at length induced to admit him to deacon's orders, which was the highest step he was permitted to attain in the hierarchy. In 1783 Mr. Hill laid the first stone of Surrey chapel, which was opened in 1784, and where he frequently preached. He died April 11, 1833, aged 88. His most popular work was entitled, "Village Dialogues," in 2 vols. 12mo. in 1801. It possesses great originality, and sound and beautiful morality.

"The independent and ambiguous ecclesiastical position which Mr. Hill assumed, as theoretically a churchman and practically a dissenter—a dissenter within the church, a churchman among dissenters—necessarily involved him, especially in the earlier part of his career, in continual polemic skirmishing. As a preacher, Mr. Hill was extremely unequal, as well as systematically unmethodical; generally rambling, but pithy, often throwing out the most striking remarks, and sometimes interspersing touches of genuine pathos amid much that bordered upon the ludicrous. In the devotional part of the service, he was uniformly chaste, solemn, and fervent."

HILL, SIR JOHN, the botanist, died Nov. 22, 1775.

HIMALAY, or HIMALAYA MOUNTAINS, Hindoostan. The great chain extends in a direction from north-west to south-east for about 2000 British miles. Its continuation to the west, called in

modern times the Hindoo Coosh or Indian mountains, by De Humboldt considered as the prolongation of the Kuen lun, was the Emodus of the Macedonians and the Imaus of Pliny. The Himaleh mountains have been visited during the present century, successively within a few years by captains Webb, Gerard, Johnson, and Burnes, Baron Hügel, Mr. Royle, and others. Twenty thousand feet have been barometrically measured and trigonometrically confirmed. The highest points are estimated at 28,000 feet. Much information has been received respecting their geology, botany, natural history, &c. A severe earthquake, arising on the north of the great Himaleh range, was experienced throughout the greater part of Western India on Aug. 26, 1833: the vibration was from north-east to south-west. At Katmandu 19 persons were buried under the ruins of their houses.

HINCHINBROOK PRIORY, Huntingdonshire, built 1074.

HINDOOSTAN (Hindust'han), a region of Asia, comprehended between lat. 8° and 35° N., and long. 68° and 92° E. Ancient India included the stupendous mountains of Thibet, the valley of Cashmere, the domains of the Indo-Scythians, the countries of Nepaul, Bootan, Camroop, Assam, Siam, Ava, Arracan, the kingdoms as far as China of the Hindoos, and the Sin of the Arabian geographers, the whole west peninsula, and the island of Ceylon. The modern term includes most of those countries. See **INDIA**.

Mohammed, of Ghizni, established the Mohammedan power in Hindoostan, in the 11th century. The Mogul fixed his residence at Delhi in 1525; the country was almost wholly conquered by his descendant, Aurungzebe, in 1707; overrun by Nadir-Shah in 1738; and the south infested by the Mahrattas. But, since the middle of the last century, the dominion of the British has been extended over the greater part of that country. The acquisition of territory by the British may be ascribed to the fate of nations: many people, and tribes, and principalities, differing in religion, manners, and language, although agreeing in the absence of civilization, were successively making destructive inroads upon each other's possessions. The hard measure of justice dealt out by the new settlers to the native Hindoos, prepared them for the reception of any new invader, and, obtaining from a British

government that protection they sought for in vain from previous intruders, they have gradually submitted their differences to British arbitration, and placed themselves, in some instances, wholly under British control. The government of the British possessions is partly administered by the East India Company, a body that originated in an association of wealthy persons for commercial purposes solely, in the year 1600. See EAST INDIA COMPANY.

HIPPARCHUS, an ancient astronomer, was born at Nice, in Bithynia, and flourished between the 154th and 163d Olympiads. He was the first person who attempted to count the number of the fixed stars; and his catalogue is still preserved in Ptolemy's "Almagest," where they are set down with their longitudes and apparent magnitudes. He is thought to have died about A.C. 125, and statues were erected to his memory.

HIPPOCRATES, the most eminent physician of antiquity, usually called the Father of Medicine, was born in the island of Cos, A.C. 458. After a long life spent in the successful practice of this art, and in forming disciples worthy to supply his place, Hippocrates died at Larissa, in Thessaly, at the age of 85, or, as others affirm, of 104 years.

HIPPODROME, THE, at Notting-hill, opened June 3, 1837, when the first race meeting took place, 30,000 respectable persons attending.

HIRAM, of Tyre, died A.C. 900.

HISPANIOLA. See HAYTI.

HOADLEY, BENJAMIN, an eminent prelate of the church of England, was born at Westerham, in Kent, in 1676, and in 1691, was entered a pensioner of Catharine Hall, Cambridge. Here he took his degrees, and became a tutor in the college. As a divine, he was first settled as lecturer of St. Mildred, in the Poultry, London, where he continued 10 years. In 1703 he published "The Reasonableness of Conformity to the Church of England," &c., which was the occasion of a controversy between Mr. Hoadley and Mr. Calamy. Soon after the accession of King George I., Mr. Hoadley was created doctor of divinity, and consecrated to the see of Bangor. In 1721 he was translated to Hereford, and from thence, in 1723, to Salisbury. After continuing in this see 11 years, he was promoted to Winchester; and shortly after published a very useful treatise,

entitled "A Plain Account of the Nature and End of the Sacrament of the Lord's Supper," &c. Dr. Hoadley attained to the advanced age of 85, when he died in 1761 at his palace at Chelsea.

HOARE, PRINCE, secretary to the Royal Academy, F.S.A. and M.R.S.L., was born at Bath, in 1755. He directed his attention to dramatic composition, and with such success, especially in small after-pieces, that many of his productions still retain their popularity. He was the author of the popular comic opera, "No Song, no Supper;" "The Prize;" "My Grandmother;" "Lock and Key," a musical farce; "Sighs, or the Daughter," from Kotzebue; "Indiscretion," a comedy, &c. He died at Brighton, Dec. 22, 1834, aged 80.

HOBBS, THOMAS, a celebrated English writer, who was born at Malmesbury, in Wiltshire, in 1588. He was taken into the service and protection of the earl of Devonshire, which continued with little interruption as long as he lived, and which gave him an opportunity of pursuing his studies, and of forming connections with persons of the first reputation for learning and science, both at home and abroad. He died at the house of his patron, in 1679. His religious and political sentiments are chiefly contained in his book "De Cive," published in 1647, and his "Leviathan," 1651.

HOBHOUSE, SIR BENJAMIN. In 1802 he was returned for Grampond; came into office in 1803, as secretary to the Board of Control, during the ministry of Mr. Addington; he resigned that post in May, 1804, and in 1805 was made chairman of the committees for supplies. In 1807 he was appointed first commissioner for investigating the debts of the Nabobs of Carnatic. He was created a baronet by patent, dated Dec. 22, 1812. He died, Aug. 14, 1831, aged 74.

HOFER, ANDREUS, the brave Tyrolese patriot, shot for his gallant resistance to the French, Feb. 20, 1810.

HOGARTH, WILLIAM, a celebrated painter and engraver. He was born in 1698, in the parish of St. Martin, Ludgate. In 1730 he began his "Harlot's Progress." In 1733 his genius became conspicuously known; the third scene of his Harlot's Progress introduced him to the notice of the great, and Hogarth rose completely into fame. In 1745, appeared six prints of "Marriage à la

Mode." In 1753 he published a quarto volume, entitled "The Analysis of Beauty." He died at his house in Leicester Fields, Oct. 26, 1764, aged 67.

HOGG, JAMES, "The Ettrick Shepherd," died Nov. 21, 1835, aged 59.

HOGUE, or HOUGUE, LA, town, Normandy. A sea fight took place off this place, between the French and English fleet, in May, 1692, in which the latter were completely victorious.

HOHENLOHE, district, kingdom of Wirtemberg. The princes of Hohenlohe are descended from Eberhard, duke of the Franks, and brother to the German king, Conrad I., who died in 918; but at present they have no political power, and no seat in the Germanic diet.

HOLBEIN, HANS, a celebrated painter, was born at Basil, in Switzerland, in 1498. After spending some years at his native city, he visited London at the request of Erasmus, who recommended him to Sir Thomas More; he immediately employed him, and introduced him to Henry VIII., and the king took him under his patronage. He died at Whitehall, in 1554. He had this singularity, that he painted with his left hand.

HOLBORN, first paved 1417. Holborn bars first set up in the city of London 1346.

HOLCROFT, THOMAS, born Dec. 22, 1744, died March 23, 1809; having, without education, arrived at considerable eminence as a dramatic writer and novelist.

HOLDSWORTH, EDWARD, English poet and critic, born 1688, died 1747.

HOLIDAY, BARTEN, English poet and philosophic author, died 1661.

HOLINSHEAD, the historian, died 1580.

HOLLAND, kingdom, Europe. A part of this territory was occupied by the Battæ, a barbarous tribe, about A. C. 100. It was conquered and incorporated with the Roman empire, and in the ninth century became part of the great German empire. In the 15th century the Netherlands, (Holland and Belgium), were held by the duke of Burgundy, from whom the sovereignty passed to the Spanish branch of the house of Austria. Phillip II. of Spain, who received these provinces from his father, Charles V., by attempting to stifle the Protestant religion, kindled a rebellion in the Netherlands, which terminated in the independence of Holland, in the year 1609. This

country was next organised as a republic, under the name of the "Seven United Provinces."

During the French revolutionary wars, Napoleon elevated this little maritime territory to the dignity of a kingdom, over which he placed his brother Louis, in 1806. This form of government lasted until 1810, when Louis abdicated, and Holland lapsed again to the French empire. Upon the fall of Napoleon, and general restoration of peace to Europe, Holland and Belgium were formed into the kingdom of the Netherlands, under the prince of Orange, by the title of William I.; and so continued until 1830, when the Belgians disengaged themselves from the yoke of Holland, which they had always borne with uneasiness. See BELGIUM.

1840. The solemn abdication of the king of Holland and transfer of the throne to his son the prince of Orange, took place, by proclamation, dated Oct. 7. The new king received the oaths of allegiance of the civil and military authorities on the 8th.

HOLLAND, NEW. This name was formerly applied to a large island, or continent, in the South Pacific Ocean, discovered by the Dutch in 1605. Since its occupancy, colonization, and inland investigation by the English, the name, New Holland, has been by some geographers limited in its application to the western portion only of the island; the eastern part is called New South Wales. The British colonies which have been established in Australia are daily rising in importance. They consist chiefly of three principal stations. Besides the old colony of New South Wales on the east, there are the more modern settlements at Swan River and King George's Sound on the west, and the very recent establishment of South Australia on the south. Besides these, the neighbouring island of Van Diemen's Land may be considered as intimately connected with Australia. See AUSTRALIA, SOUTH; WALES, NEW SOUTH; SWAN RIVER; and VAN DIEMEN'S LAND.

HOLLAND, LORD, only son of the second Lord Holland, the elder brother of Charles James Fox, was born in November 1773. He married, in 1797, Elizabeth, daughter and heiress of Richard Vassal, Esq. He was a privy councillor, and chancellor of the duchy of Lancaster during the administration of

Earl Grey, from December 1830 to July 1834, and subsequently in Lord Melbourne's administration of July 1834 and April 1835. In addition, his lordship was commissioner for the duchy of Cornwall, a commissioner for building churches, recorder of Nottingham, and a fellow of the Royal Society and Society of Arts. He died October 21, 1840, in his 67th year. His first speech in the house of lords was delivered January 9, 1798, in the debate on the Assessed Taxes Bill. From the year 1807, down to a few years back, when bodily infirmities pressed heavily on him, he took a most active part in the proceedings of the house of lords. There was hardly a question on which he did not deliver his sentiments; and his speeches bore evidence of extensive reading and profound thinking, while they were enlivened with flashes of wit, which, like that of Charles Fox, was perfectly free from ill-nature. His efforts in the cause of religious liberty were not confined to the house of lords; and it is well known that the Emancipation Act was not a little promoted by the exertions of his lordship at different meetings. His funeral took place Oct. 28, 1840, and was attended by every possible demonstration of respect to his memory.

HOLLIS, MR. THOMAS, the editor of Algernon Sydney's "Discourses on Government," and the writings of other immortal British patriots, born 1720, died 1774.

HOLLOWAY, THOMAS, an historical engraver, was born in London, in 1748. He was little known until he executed the plates in the English translation of Lavater's Physiognomy. Besides these, he executed many for the splendid publications of Boydell, Macklin, and Bowyer. But those which have immortalized his name, are his engravings from the cartoons of Raphael, the labour of about 30 years of unremitted application. He died March 28, 1827.

HOLM-CULTRUM ABBEY, Cumberland, built by David, king of the Scots, 1150.

HOLMES, DR. ROBERT, dean of Winchester, editor of the Pentateuch, born 1749, died November 12, 1805.

HOLSTEIN, duchy, Denmark. Charlemagne conquered the Saxons who inhabited this country, and transported more than 10,000 families from hence across the Rhine into Flanders, Brabant, and Holland. The emperor Lothaire

erected Holstein and Storman into a county. In 1773 Holstein was ceded by the grand prince, afterwards emperor Paul I. of Russia, to the king of Denmark, when the constitution of the German empire was abolished. The king of Denmark, in 1806, united the whole duchy with Denmark, and took away its existing constitution. In 1813 this country was the seat of war, and occupied by the combined Swedish and Russian armies.

HOLT, LORD CHIEF JUSTICE, died March 6, 1710, aged 67.

HOLT, mineral springs first discovered 1728.

HOLY ALLIANCE, convention so called between the emperor of Russia, the emperor of Austria, and the king of Prussia, by which they professed themselves to be bound to govern by Christian principles and the precepts of the Gospel in their political transactions with others, signed at Paris, September 26, 1815. The king of the Netherlands agreed to the convention, June 21, 1816. Great Britain refused to join in this convention. The real object was to suppress all liberal and enlightened principles throughout Europe, as appears from their circular issued from Troppau, December 8, 1820.

HOLY-CROSS ABBEY, Tipperary, Ireland, built 1169.

HOLY GHOST, order of knighthood, begun in France, 1468; restored Jan. 1, 1559; abolished 1791; at Rome, 1798.

HOLY ISLAND, Durham. On the conversion of the Anglo-Saxons to Christianity by St. Aidan, a native of Scotland, this island was given to him by Oswald, king of Northumberland, in 635, when he founded the bishopric of Lindisfarne. The cathedral was afterwards demolished, and the see united with Durham. On the establishment of the monastery at Durham, in 1082, the episcopal church was made a part of the endowment, and thus became a cell to the Benedictine priory of Durham.

HOLYHEAD, town, Anglesea, North Wales. St. Gybi founded a monastery here in 380. In 1821 George IV. embarked from this place for Ireland, and a triumphal colonnade on the pier commemorates the event. This has long been the station for the transmission and receipt of the mails between Dublin and London, and has an asylum harbour formed by a pier 900 feet in length, run-

ning in a direction from west to east. The land extremity of the pier is connected to the main land by a cast-iron bridge across Salt Island Sound, and the New Road is continued thence to the Menai Bridge.

1832. The ninth report of the commissioners for the improvement of the road from London to Holyhead states that the condition of the roads throughout was good. The beautiful suspension-bridge over the Menai is, in all respects, in a perfect state, and that experience has proved it to answer the purpose for which it was intended.

HOLY WAR. See **CRUSADES.**

HOLY WATER, used in churches, 120.

HOLYOAKE, FRANCIS, lexicographer, died in 1653.

HOLYROOD HOUSE, Edinburgh, built 1128; repaired 1753.

HOMBERG, WILLIAM, an eminent physician and chemist, was born in Batavia, in the East Indies, in 1652. Prosecuted his studies at Jena, and afterwards at Leipsic; was received into the academy of sciences in 1691, died in 1714.

HOME, or HUME, village and parish, Berwickshire, Scotland. Its castle stands on an eminence 900 feet above the sea; it surrendered to the duke of Somerset in 1547; in 1549, the Scots entered by stratagem, and put the garrison to the sword. During the siege of Roxburgh, the queen consort resided in this castle, and, accidentally meeting with the bearer of the tidings that James II. was killed, was prematurely delivered of a child on a neighbouring hill, still called the Queen's Cairn.

HOME, HENRY. See **KAIMES.**

HOME, JOHN, author of the tragedy of "Douglas," &c., died Sept. 1808.

HOME, SIR EVERARD, professor of anatomy and surgery to the Royal College of Surgeons, born in 1756. He studied under the celebrated John Hunter, who was his brother-in-law; and practised with great success in the metropolis, for more than forty years. He died Aug. 31, 1832, aged 76.

HOMER, the father of Greek poets, according to Dr. Blair, flourished about A. C. 900; according to the Arundelian marbles, 300 years after the taking of Troy, or about 884. Seven cities disputed the glory of having given him birth: Smyrna, Rhodes, Colophon, Salamis, Chios, Argos, and Athens. But the opinion of antiquity seems generally

to lean towards either Chios or Smyrna. The only incontestable works which Homer has left behind him are the Iliad and Odyssey. The "Batrachomyomachia, or Battle of the Frogs and Mice," has been disputed. Didymus was the first who wrote notes on Homer; and Eustathius, archbishop of Thessalonica, in the 12th century, is the most celebrated of his commentators.

HOMILIES of the Established Church of England are contained in two books; the former of which was published in the reign of Edward VI., and the latter in the beginning of the reign of Queen Elizabeth. They were composed by the great reformers Cranmer, Ridley, Latimer, and Jewel.

HONDURAS, British settlement in North America, on the peninsula, extending from the west side of the bay of Honduras to the sea. The Honduras coast was discovered by Columbus on August 14, 1502, and was occasionally resorted to by mahogany and other woodcutters. The first regular establishment of British log-wood cutters was made at Cape Cartoche by some Jamaica adventurers. This right was often contended by the Spaniards; at length, by the treaty of peace in 1763, they were compelled to give a formal permission of occupancy to the British colonists; and Honduras thus became a territorial dependency of the British crown.

HONITON, in Devonshire, nearly destroyed by a fire, July 19, 1747; 140 houses burnt, 1765; 37 houses destroyed, May, 1790; 47 houses burnt in August, 1797, valued at £10,000.

HONITON BRIDGE carried away by a flood, Nov. 10, 1807.

HOOD, ROBIN, and **LITTLE JOHN,** noted highwaymen, flourished in 1189.

HOOD, VISCOUNT ADMIRAL, born 1724, died 1816.

HOOD'S ISLE, one of the Gallapagos in the Pacific Ocean, explored June, 1793.

HOOGVEEN, the Dutch philologist, born 1712, died 1794.

HOOGHLY, town, Bengal, above Calcutta, on the river Hooghly. The Dutch in 1625, and the British in 1640, were permitted to build factories at this place. In 1686 the British were involved in hostilities with the Moguls by the imprudence of their soldiers. On the conclusion of peace in the following year, the nabob wished the English to return to Hooghly, but they preferred estab-

lishing themselves at Calcutta. Hooghly was afterwards taken in Jan. 1757, by the British, but shortly after retaken by the nabob Seraje-ab-Dowleh; in the June following it was again seized by the British. They, however, permitted the nabob, until 1765, to nominate the foudjars of Hooghly, but they then transferred the collection of the port duties to Calcutta, since which time the town has much declined. A dreadful hurricane on the river Hooghly, May 21, 1833. The whole country, so far as could be discovered, both up and down the river on both banks, was strewn with corpses.

HOOKE, ROBERT, inventor of the escapement for watches, born 1635, died 1702.

HOOKE, NATHANIEL, author of the "History of Rome," died 1764.

HOOKER, REV. RICHARD, author of "Ecclesiastical Polity," born about 1553, died 1600.

HOOLE, C., English divine, died 1666.

HOOLE, JOHN, the translator of "Tasso," died August 2, 1803.

HOOPER, JOHN, bishop of Gloucester, and martyr in the protestant cause, was born in Somersetshire, in 1495, and educated at Merton College, Oxford. In 1518 he took the degree of bachelor of arts, and afterwards became a Cistercian monk. On the accession of Edward VI. he was made bishop of Gloucester, to which was added the bishopric of Worcester in commendam. On the accession of Queen Mary he was imprisoned, tried, and, not choosing to recant, condemned to the flames. He suffered this terrible death with unexampled Christian fortitude at Gloucester, Feb. 9, 1554, being then nearly 60 years of age.

HOPE, THOMAS, one of the Hopes of Amsterdam, whose names were proverbial for wealth, author of "Anastasis," and "Household Furniture and Decorations," which last work effected a complete revolution in the upholstery and interior decoration of houses, died 1831.

HOPKINS, Bishop of Londonderry, born 1633, died 1690.

HOPPNER, JOHN, an English portrait painter, born 1759, died 1810.

HOPS introduced into this country from Flanders in the reign of Henry VIII., first mentioned in the statute book in 1552, in an act 5 and 6 Edward VI. c. 5, and at that time extensively cultivated in England. The duty on

hops of the growth of Great Britain produced in 1832, £241,771. The number of acres occupied by hop plantations in that year were 47,101. During the same year there were 703,153 lbs. of British hops exported; of foreign hops 11,167 lbs. were imported, and 50,113 lbs. exported. The quantity of hops charged with duties of excise in England, during the year ending Jan. 5, 1839, was 35,801,224 lbs., duty £298,343.

HORACE, QUINTUS FLACCUS HORATIUS, the most celebrated of Latin lyric poets, was the son of a freedman, and born at Venusium, A.C. 64. Completed his education at Athens. At the battle of Philippi, his property was lost, but he escaped with his life. His talents soon made him known to Augustus and Mæcenas; he also contracted a friendship with Agrippa, Pollio, Virgil, and all the other great men of his time. He died at the age of 57. There are still extant his Odes, Epistles, Satires, and Art of Poetry; of which there have been many editions. The best are those of the Louvre, in 1642, folio; of Paris, 1691, quarto; of Cambridge, 1699; and that with Bentley's emendations, printed at Cambridge in 1711.

HORATIO, brig, blew up at St. Helena, when all hands perished except the captain, who was ashore; September, 1825.

HORNE, GEORGE, an eminent English prelate, was born at Oatham, near Maidstone, in Kent, in 1730. He went to Oxford in his 15th year. In 1749 he took his degree of bachelor of arts, and next year was elected to a fellowship in Magdalen College. He obtained the degree of master of arts in 1752. In 1753 Mr. Horne entered into holy orders, and acquired high reputation as a public speaker. In 1764 he was created doctor of divinity. In 1768 he was elected president of Magdalen College, and in 1771 he was appointed chaplain in ordinary to his majesty. In 1776 he was chosen vice-chancellor of the university, which he held till the latter end of the year 1780. In 1779 Dr. Horne published "Discourses on various Subjects and Occasions," in two volumes octavo. In 1781 he obtained the deanery of Canterbury, and in 1790 was advanced to the episcopal see, by being nominated to the bishopric of Norwich, soon after which he resigned his presidentship of Magdalen College. He died at Bath January 17,

1792, of a stroke of the palsy, aged 62. His works are numerous. His principal production was a "Commentary on the Book of Psalms, &c.," which made its appearance in 1776, in two volumes, quarto.

HORNE TOOKE, JOHN, author of "Epea Pteroenta, or Diversions of Purley," born 1736; tried for high treason and acquitted 1794; died 1827.

HORNERS' COMPANY, London, incorporated 1638.

HORRIE, CAPTAIN DAVID, R.N., who was instrumental in suppressing the mutiny at the Nore in 1797, while on board the flag-ship Sandwich, died at Peterhead, Sept. 30, 1840.

HORSA, the Saxon general, slain by Vortimer in 455.

HORSE-GUARDS instituted 1553; house built 1758.

HORSE-SHOES introduced into general use in England in the 9th century; first made of iron 481.

HORSE-TAX levied 1784; increased 1796 and 1805.

HORSLEY, DR. SAMUEL, bishop of St. Asaph and a theologian, born 1737, died 1803.

HORTICULTURAL SOCIETY, London, incorporated April 17, 1808.

HOSPITALS, buildings erected for the reception and relief of the poor, sick, &c., usually endowed or supported by voluntary contributions. In the early ages of the church, it was decreed that at least one-fourth should be appropriated to the relief of the poor; and to provide for them, houses of charity were built, which are since denominated hospitals. They were governed wholly by the priests and deacons, under the inspection of the bishop. By statute 39 Eliz. cap. 5, "Any person seized of an estate in fee, may, by deed enrolled in chancery, erect and found an hospital for the relief of the poor to continue for ever, and may nominate such heads and governors therein as he shall think fit; and this charitable foundation shall be incorporated, and subject to the inspection and guidance of the heads and visitors nominated by the founder."

The principal hospitals in England are those in the metropolis and its vicinity. Of these the most conspicuous are the following:—for the army and navy, those of Greenwich and Chelsea, (see **GREENWICH** and **CHELSEA**): for the sick, those of Guy, Southwark, 1721; St. Thomas, Southwark, 1553; St. Bartholomew,

West Smithfield, 1102; and the London, Whitechapel-road, founded 1740: for the education of youth, Christ's hospital, 1552, (see **CHRIST'S HOSPITAL**); Bridewell hospital, 1558. &c.: for insane persons, those of Bethlehem, Lambeth, 1546; and St. Luke's, Old-street-road, 1732: and for lying-in-women, those of the Queen's, Manor-house, Lisson-grove, 1752; the British, Brownlow-street, Long Acre, 1749; and Westminster, Queen-square, 1801.

IRISH HOSPITALS: Smith's school, incorporated 1669; Blue coat school, 1670; Royal, near Kilmainham, ditto, 1683; Dublin workhouse established 1728; Charitable infirmary opened 1728; Stephen's hospital incorporated 1730; St. Patrick's founded 1745, incorporated 1746; Lying-in-hospital established 1745, incorporated 1757; Mercers' incorporated 1750; St. Nicholas's opened 1753; Lock instituted, 1755; Charitable loan, ditto, 1757; Venereal opened 1758; Dublin hospital, ditto, 1762.

HOSPITALLERS, order of knighthood, began 1097.

HOTSPUR, HENRY PERCY, killed July 22, 1403.

HOTSPUR, British ship, attacked a number of French vessels near Cherbourg, sunk one brig, drove two on shore, and battered a small village to the ground, Sept. 8, 1811.

HOUGHTON GALLERY of paintings, sold to the empress of Russia, 1779.

HOUGHTON, EDWARD, of Dublin, one of the founders and munificent benefactors of the Royal Hibernian Academy, died 1833.

HOUNSLOW, town of Middlesex, anciently called Hundeslawe and Hundeslowe. In 1650 it comprised only 120 houses, chiefly inns and ale-houses for the accommodation of travellers. It was the scene of a tournament, held during the reign of King John; and in the first year of Henry III. a conference took place at Hounslow, between the partisans of that prince and those of the French Dauphin, who had invaded England. On Hounslow Heath both the royal and parliamentary armies were encamped at different periods during the civil war. It was formerly noted for highway robberies, but almost every part capable of cultivation has been enclosed.

HOUSE OF PARLIAMENT. See **PARLIAMENT HOUSE**.

HOUSE TAX commenced 1778; increased 1808; abolished 1834.

HOUSTON, REV. GEORGE, murdered in his potato field, county, Kildare, Ireland, Oct. 1832.

HOVENDEN, ROGER DE, author of the "Chronicles of England," written in 1192.

HOWARD, THOMAS, Duke of Norfolk, a celebrated general in the reign of Henry VIII., was born in 1473. The victory of Flodden Field, in which the king of Scotland was slain, was chiefly owing to his valour and good conduct. He died Aug. 1554.

HOWARD, HENRY, earl of Surrey, son of the preceding, one of the early British poets, was born about 1520, and educated in Windsor Castle. With his father the duke of Norfolk, he was committed to the Tower, in Dec. 1546; and on Jan. 13 following, Surrey was tried at Guildhall by a common jury, and beheaded on Tower-hill.

HOWARD, CHARLES, LORD EFFINGHAM, statesman and naval commander, born 1536. He served under his father, who was lord high admiral of England, till the accession of Queen Elizabeth. In Jan. 1573 he succeeded his father in his titles and estates; after which he successively became chamberlain of the household and knight of the garter; and in 1585 was made lord high admiral, at the critical juncture when the Spaniards were sending their armada to attempt the conquest of this kingdom. See **ARMADA**. He died in 1624, aged 87.

HOWARD, JOHN, the well-known great philanthropist of his age, was the son of a tradesman, and born at Enfield, 1727. Being named in 1773 to the office of high sheriff of Bedfordshire, which brought the distress of prisoners more immediately under his notice, it being his duty to visit personally the county gaol, when he observed abuses and scenes of calamity of which he had before no conception. He soon exerted himself to effect a reform; he visited the principal prisons in England, and was examined in the house of commons in March 1774, on this subject, when he had the honour of their thanks. With the same object he travelled into France, Flanders, Holland, Germany, and Switzerland, and afterwards through the Prussian dominions; also Denmark, Sweden, Russia, Poland, and some cities in Portugal and Spain, and returned in 1777.

He began a new tour in 1778, and travelled through the Prussian and Austrian dominions. During the spring and summer of the year 1779, he made another complete tour of England and Wales. Wishing to acquire further knowledge on the subject, he revisited Holland and some German cities, in 1780. He visited also the capitals of Denmark, Sweden, Russia, and Poland, and in 1783, some cities in Portugal and Spain, and returned through France, Flanders, and Holland. He afterwards proceeded to Smyrna, Constantinople, and Venice, and at the close of the year 1786, returned through Germany and Holland, arrived safe in England in the beginning of 1787. In 1788 he made several visits to the prisons of Scotland and Ireland. Upon his return home, having again inspected the prisons in England, and the Hulks on the Thames, in pursuance of a similar benevolent design, he set out in the summer of 1789, for the purpose of re-visiting Russia, Turkey, and some other countries, and extending his tour in the east. Arriving in Holland in July, he proceeded through the north of Germany, Prussia, Courland and Livonia, to Petersburg, thence to Moscow, and finally to the extremity of European Russia on the shores of the Black Sea, where he fell a victim to one of those infectious diseases, the ravages of which he was exerting every effort to restrain. At different periods he published the results of his labours as regarded the state of the prisons and lazarettos in various parts.

HOWEL, JAMES, English writer, born 1594, died 1666.

HOWTH, situated on a peninsula called the Hill of Howth, on the north side of Dublin bay. The harbour was constructed as a station for packets passing between Dublin and Holyhead, after a design of Mr. Rennie. The entrance to the harbour and the packet berths were deepened in 1830, by taking up 5963 tons of rock by means of diving bells, and 19,967 tons of sand and mud by dredging machines; thereby affording 11 feet of water at low-water of ordinary spring tides, where there was formerly only 8 feet.

HUBERT, ST., in Juliers, order of knighthood, began in Germany, 473.

HUBERTSBERG, peace of, between Prussia, Austria, and Saxony. End of the seven years' war, Feb, 15, 1763.

HUDSON'S BAY was discovered in 1610, by Henry Hudson, who commanded a vessel fitted out by the English Russian Company, for the purpose of exploring a north-west passage round the continent of America. He was left by his mutinous crew, with his son and seven other persons, to perish in that inhospitable region. The same company subsequently fitted out several expeditions for exploring those seas, particularly by Button, Fox, James, and others.

HUDSON'S BAY COMPANY, incorporated by charter of Charles II. who in 1670 granted to Prince Rupert and the company associated with him all the trade and commerce within the entrance of Hudson's Straits. Under this grant the company have held possession to the present day. In 1837 an expedition was sent out by the company to explore the unknown portions of their territory.

HUET, PETER DANIEL, author of "Philosophy," &c., born 1630, died 1721.

HUFELAND, author of a "Treatise on Longevity," died 1836, aged 74

HUGUENOTS, or **HUGONOTS**, an appellation given by way of contempt to the reformed or protestant Calvinists of France. This term is to be traced as far back as the year 1560. The persecution which the Huguenots underwent has scarcely its parallel in the history of religion. Though they obtained a peace from Henry III., in 1576, it was only of short continuance; and their sufferings were but partially mitigated by the famous edict of Nantes, granted to them in 1598, by Henry IV. In 1621 severe contests arose, and subsisted long, between Louis XIII. and his protestant subjects. In 1628 Rochelle, the chief bulwark of the reformed interest in France, was taken, after a long and difficult siege, and annexed to the crown. From this fatal event the Huguenot party in France dates its decline. Louis XIV., in 1685, revoked the edict of Nantes, and thereby deprived the protestants of the liberty of serving God according to their consciences: they were exposed to the brutal rage of an unrelenting soldiery, and emigrated in great numbers. Many found an asylum in England.

HULL, Yorkshire, was included in the manor of Myton, at the time of the Norman survey; consisted of the towns of Wyke and Myton in the 12th century, the former of which obtained a grant for

a market in 1274. Edward I. purchased the lordship of Myton and town of Wyke in 1293, and changed its name to Kingston, [or Kingston-upon-Hull. In 1299 it obtained a royal charter, and was made a free borough, with many privileges and immunities, and in the following year a mint was established here. In 1205 the duties of the port of Hull exceeded those of most other ports of England. Henry VII. built a citadel and blockhouse on the east bank of the Hull; Charles II. strengthened the fortifications in 1681. In 1774 the old dock was constructed, and afterwards enlarged. See **Docks**.

HUMANE SOCIETY, London, instituted in 1774. Societies of a similar nature are instituted in other parts of the kingdom.

1839. At the annual meeting of the Bristol Humane Society, the silver medal was presented to Dr. Fairbrother, of Clifton, for his exertions in recovering a boy who had been under the water in the floating harbour about half an hour, another quarter of an hour having elapsed before the doctor could operate on the body. The new mode adopted was by closing the boy's mouth with his finger, sucking off the foul air from his lungs through the nostrils, and promoting respiration by pressing on the abdominal muscles on the side. The usual method is to inflate the lungs; but it is very seldom that persons are recovered by this method if they have been longer than a few minutes under the water.

HUMBOLDT, BARON WILLIAM VON, minister of state to the king of Prussia, brother of Alexander Von Humboldt, the celebrated traveller. He died April 7, 1835.

HUME, DAVID, an eminent historian and literary character, was born at Edinburgh in 1711. Having passed through his academical pursuits at Edinburgh, he published, in 1739, his "Treatise on Human Nature." In 1742 he published two volumes of *Essays*; and, in 1747, received an invitation from General St. Clair to attend him in his military embassy to the courts of Vienna and Turin. In 1749 he composed the second part of his *essays*, called "Political Discourses." In 1652 he published his "Inquiry concerning the Principles of Morals," and formed the plan of writing his history of Britain under the house of Stuart. In 1756 the second volume of the "History

of the Stuarts" was published. Three years after his "History of the House of Tudor" made its appearance; and in 1761 the remaining part of his History was published. He died August 25, 1776.

HUNGARY, kingdom of, a portion of the Austrian empire, ancient Pannonia, was overrun by the Magiars, a Caucasian people, towards the close of the ninth century, when Christianity also was introduced. Stephen the son of King Gheysa was baptized in 983, ascended the throne of Hungary in 1000, and was ranked amongst the saints after his death. Twenty princes, descendants of this monarch, were successively kings. The reigning family became extinct in 1301, and 12 kings of different lines subsequently ruled over Hungary. Of these Sigismund, defeated by the Turks at Nicopolis, in 1396, ceded to Poland the provinces east of the Carpathians.

At length Hungary invaded on every side by the Turks, became a common field of battle, when Christian and Musulman armies massacred each other during an entire century. The pretext for these sanguinary conflicts was the recovery of Transylvania, which had been separated from Hungary, after the death of Louis II. in 1526. The provinces then wrested from Hungary continued annexed to Turkey, until the peace of Carlowitz, in 1699. The Turks always supported the Transylvanian princes against the Austro-Hungarian kings. But the slow and methodical policy of Austria ultimately triumphed, and in 1713, the hereditary rights of the emperors were fully acknowledged, and Hungary was finally annexed to the Austrian empire.

HUNGERFORD MARKET, OLD, London, opened 1699; **New**, erected by a company. July 2, 1833.

HUNS, their empire in Tartary destroyed by the Chinese, 93. They overran Mesopotamia, 383; conquered the Burgundians, 435; ravaged Thrace, 422. Their empire in Europe was ruined, 454, at the death of Attila. See **ATTILA**.

HUNT, HENRY, late M. P. for Preston, was born at Widdington Farm, Wiltshire. In 1812 he made his first unsuccessful attempt to gain a seat in parliament. His exhibitions at Manchester and Spafields, and his imprisonment in 1820, are well known. During the excitement of the Reform Bill in

1830, he defeated Lord Stanley at Preston, and entered the house of commons. He was re-elected in 1831; but in the following year, the Derby interest resumed its sway at Preston. He left London, on a journey of business to the West of England, when he was seized with a fit of paralysis, which proved fatal, Feb. 15, 1835.

HUNTER, DR. HENRY, a popular preacher and writer; born at Culross, in Perthshire, 1741. He died at the Hot-Wells, Bristol, Oct. 27, 1802.

HUNTER, DR. WILLIAM, a celebrated physician and writer, was born at Kilbride, in Lanark, Scotland, in 1718. In 1767 he was elected a fellow of the Royal Society. In 1768 he became a fellow of the Society of Antiquaries; and the same year, at the institution of a Royal Academy of Arts, he was appointed by his majesty to the office of professor of anatomy. In Jan. 1781 he was elected to succeed Dr. John Fothergill, as president of the Medical Society. The most splendid of Dr. Hunter's publications was the "Anatomy of the Human Gravid Uterus." The appearance of this work, which had been begun so early as 1751, was retarded till 1775, only by the author's desire of sending it into the world as perfect as possible. He died March 30, 1783.

HUNTER, DR. JOHN, an eminent surgeon, and brother of the preceding, was born at Long Calderwood, in Scotland, 1728. On Feb. 5, 1767, he was chosen fellow of the Royal Society, and in the following year was elected one of the surgeons of St. George's Hospital. He was appointed surgeon extraordinary to his majesty, in 1776. He was chosen fellow of the Royal Society of Science and Belle Lettres at Gottenburg; and in 1783 he became a member of the Royal Society of Medicine, and the Royal Academy of Surgery, in Paris. In 1792 he was appointed inspector-general of hospitals, and surgeon-general to the army. He died Oct. 16, 1793, in his 65th year. He published a great number of works on anatomy, surgery, and medicine.

HUNTINGDON, was early celebrated as a place well adapted for the chase. Edward the elder erected a castle here in 917, which was enlarged in the reign of Stephen, by David, king of Scotland and earl of Huntingdon, but razed to the ground by order of Henry II.

HUNTINGDON, WILLIAM, styling himself "the sinner saved," the popular antinomian preacher, died July 1, 1813.

HURD, BISHOP, author of "Dialogues in Chivalry and Romance," &c., died 1808, aged 88.

HURDIS, REV. J., poet, born 1763, died 1801.

HURDWAR, town and place of pilgrimage, Hindoostan, province Delhi, situated at the base of a steep mountain, adorned with numerous pagodas and stone buildings, with flights of steps descending to the river, for the accommodation of pilgrims near the Ganges. In 1819 the rush made by the infatuated pilgrims to obtain precedence in gaining the waters was so desperate, that 430 persons were crushed to death in the confined passage, and amongst them the sepoy guards who were stationed there to prevent the very catastrophe.

HURST CASTLE, Hampshire, built 1539.

HUSBANDRY. See AGRICULTURE.

HUSKISSON, WILLIAM, was born at Birch-Moreton, in Worcestershire, March 11, 1770. In early life he resided in France, and became a perfect master of the French language. He also turned his attention to the study of international policy and commerce; his thorough knowledge of which afterwards enabled him to take so distinguished and active a part in the affairs of his own country. Under Mr. Dundas in 1793 he assisted in the arrangement of an office for the affairs of the emigrants who had taken refuge in England. This introduced him to public life, and he was for some years an efficient member of the cabinet. His death was sudden and melancholy, September 15, 1830, at the public opening of the Liverpool and Manchester railroad, at which were present the duke of Wellington and a great number of other public characters. Mr. Huskisson having alighted on the road during a stoppage, he was knocked down by one of the steam-carriages, which went over his thigh, and bruised and lacerated him so dreadfully as to occasion his death in the course of the following night.

HUSS, JOHN, the celebrated reformer, from whom the Hussites take their name, was born at Hussinez, in Bohemia. He received his education at the university of Prague, and afterwards became minister of a church in that city. In 1407 he began openly to oppose and preach

against errors in the doctrine as well as the discipline of the reigning church. In 1409 he was elected rector of the university of Leipsic. He now began to inveigh against the vices and corruptions of the clergy, and to recommend, in a public manner, the writings and opinions of Wickliffe. In consequence of this, an accusation was brought against him in 1410, before the tribunal of John XXIII., by whom he was solemnly expelled from the communion of the church. He continued, however, to expose the Romish religion with a fortitude and zeal that were almost universally applauded. He was summoned before the council of Constance. Huss obeyed the order of the council, and appeared before it to demonstrate his innocence. But his enemies so far prevailed, that he was cast into prison, declared an heretic, and brought to the stake. He endured his fall with unparalleled magnanimity and resignation, and was burned alive July 6, 1415.

HUSTINGS, THE COURT OF, in the city of London, is the supreme court of judicature, as the court of common council is of legislature, in that city. The court of hustings was granted to the city, to be holden and kept weekly, by Edward the Confessor, 1052.

HUTCHESON, DR. FRANCIS, author of "Moral Philosophy," born 1694, died 1748.

HUTCHESON, DR. JOHN, philosophical writer, born 1674, died 1737.

HUTTON, DR. JAMES, an eminent physician and naturalist, but chiefly known as the author of a celebrated Theory of the Earth, was born in 1726. During a period of 30 years, his attention was turned towards geological studies. He died in 1797.

HUTTON, DR. CHARLES, the mathematician, died 1823.

HUTTON, WILLIAM, the author of "The History of Birmingham," died 1815.

HUYGENS, CHRISTIAN, a distinguished mathematician and astronomer of the 17th century, was born at the Hague in 1629, and in 1663 made a member of the Royal Society. Having visited France, M. Colbert settled a considerable pension upon him to fix at Paris, and he remained there till 1681, and was admitted a member of the Academy of Sciences. Huygens was the first who discovered Saturn's ring, and a third

satellite belonging to that planet. He discovered also the means of rendering clocks exact, by applying the pendulum, as well as of rendering their vibration equal by the cycloidal cheeks, and made many improvements in the telescope. He died in 1695. Huygens was the author of several excellent works. The principal of these are contained in two collections; the first of which was printed at Leyden in 1682, and the second at Amsterdam in 1728.

HYDE, near Manchester, floor of a public-house, where 250 workmen were assembled, gave way, when 30 were killed and many wounded, April 1, 1829.

HYDE ABBEY, near Winchester, founded 1130.

HYDE, DR. THOMAS, the first librarian of the Bodleian Library, born 1686, died February 18, 1702.

HYDE, EDWARD, earl of Clarendon. See CLARENDON.

HYDERABAD, city and province, Hindoostan, in the Deccan, formerly belonged to the sovereignty of Telingana, was conquered by the Mahommedans, and became part of the great Bhamanee empire of the Deccan. Telingana next became independent under the name of Golconda sovereignty, subject to Cooly-Cuttub Shah, who began to reign in 1512, and was assassinated in 1551. In 1690 Golconda was taken by Aurungzebe, and Abou-Hossein, its sovereign, confined in the fortress of Dowlatabad, until his death in 1704. On Aurungzebe's decease, Nizam ul Mulk succeeded to the Mahommedan possessions in the Deccan, and his son Nassir Jung, making himself master of the throne, was assassinated in 1750, and his grandson shared a similar fate in 1751. French influence placed Salabut Jung on the throne, but he was imprisoned and put to death in 1763, by his brother Nizam Ali. The fratricide was defeated and despoiled of part of his territory by Dowlet Row Sindia in 1795. In 1798 the vigorous measures of the Marquis Wellesley restored British influence at the court of Hyderabad, at a period when France interfered, and seemed to threaten its extinction. The Nizam admitted a large subsidiary British force, ceded all the territories acquired in 1792, by the treaty of Seringapatam, and also by the treaty of Mysore in 1799, in consideration of which the Nizam was liberated from all further tribute on account of

British subsidiary forces. Nizam Ali terminated his reign in 1803, and was succeeded by his eldest legitimate son, Secunder Jah. His courtiers occasioned misunderstandings between their master and the British Indian government, which only ended in a more rigid exaction of the terms of treaties by the British.

HYDRODYNAMICS, including Hydrostatics and Hydraulics, the science probably first studied in the Alexandrian school about A.C. 300; pressure of fluids discovered by Archimedes about A.C. 250; forcing-pump and air-fountain invented by Hero about A.C. 120; water-mills known about the time of the birth of Christ; experiments on running water, and the quantities discharged from different sized orifices at various depths, by Julius Frontinus 110. The science revived by Galileo about 1600; effect of atmospheric pressure on fluids, Torricelli, Viviani, and Pascal, 1643 to 1647; capillary attraction discovered by Rohault about 1659, and by Boyle about the same time; hydrostatical press (since brought into use by Bramah) discovered by Pascal 1664. In 1697, theory and phenomena of rivers, by Guglielmini; in 1714, correct theory of fluids, and oscillation of waves by Newton; 1734, equilibrium of fluids, D'Alembert.

1738. Scientific form given to Hydrodynamics by Daniel Bernoulli. In the course of the year he published a new and improved theory of the motion of fluids, in a treatise entitled "Hydrodynamica, seu de viribus et motibus Fluidorum Commentarii;" a work extolled by Bossut, as one of the finest productions of mathematical genius; but as it had never been demonstrated in a general manner, the results were accompanied with a degree of uncertainty.

1742. A more direct solution was given by Mr. Maclaurin in his "System of Fluxions," published at Edinburgh. In 1743 M. D'Alembert discovered a principle of dynamics, so simple and general, that it reduced the laws of the motion of bodies to that of their equilibrium. A specimen of his successful application of this principle to the motion of fluids was given in his Dynamics. The method of expressing by equations the motion of a particle of fluid in any given direction, was attained about the year 1751, by the skill and address of M. D'Alembert. His Method was first published in his "Essai sur la Resist-

ances des Fluides" in 1752, and afterwards in a more complete state, in his "Opuscles Mathematiques." The labours of M. Bossut in this branch of science, though performed on a smaller scale, afford in all similar cases the same results.

1786. A satisfactory theory of the motion of fluids, founded solely on experiments, is given in a work entitled "Principes d'Hydraulique," by Le Chevalier de Buat, who was engineer to Louis XVI. The discoveries since that time are of a minor kind, and chiefly respect hydraulic machines.

HYDROGEN LAMP discovered by Lieutenant Drummond, which produces a light of so dazzling a brightness as to cause any object to cast a shadow on a dark-coloured wall at the distance of ten miles. 1832.

HYDROSTATIC BED, invented by Dr. Arnott 1827.

HYRCANUS I., JOHN, high priest and prince of the Jews, was the son of Simon Maccabeus. On the invasion of Judea by the Syrian governor A.C. 139, he and his brother Judas led a body of troops, who entirely defeated the invaders. He died A.C. 107.

HYRCANUS II., high-priest and king of the Jews, was eldest son of Alexander Jannæus; being of a quiet and unenterprising disposition, he was quickly dispossessed of his dignities, and reduced to a private station. A.C. 63, he was restored to his pontifical office with the title of prince, but he was divested of royalty, and made tributary to Pompey. He was beheaded in the 80th year of his age.

I.

IAMBIC VERSE, invented by Antiochus, who flourished A.C. 686.

IAMBLICUS, author of Rhodes and Sinonides, flourished A.C. 100.

ICELAND, island, Atlantic Ocean, subject to Denmark. About 860, Naddodr, a Norwegian pirate, was driven on the coast; Gordar, a Swede, circumnavigated it in 864; Floke, a Norwegian, remained here for two years, and gave it the name it still bears. The first Norwegian colony arrived here in 874. Christianity was introduced in 981, and finally adopted in 1000. In 1261 the Icelanders submitted to the king of Norway; in 1387, it was transferred, with Norway, to Denmark. In 1530 the reformed religion was introduced, and in 1813 it was placed at the disposal of the British; it is again, however, a dependency of Denmark.

ICH DIEN, the Bohemian motto, meaning, "I serve," first adopted by the prince of Wales after the battle of Cressy, 1346.

ICHTHOLOGY, that part of natural history which treats of the classification, anatomy, &c., of fishes. Pierre Belon, a French physician, born in 1518, was the earliest systematic writer on ichthology. He laid the foundation of many

natural families or genera. His countryman, Rondelet, three years afterwards exhibited more accurate descriptions and figures. The next work worthy of notice, is "Willoughby's De Historia Piscium," 1686. Ray published in 1707 his "Synopsis Methodica Piscium," which may be regarded as a corrected view of Willoughby's work. Artedi, the countryman and friend of Linnæus, adopted his principles. Linnæus published his papers, under the title of "Bibliotheca Ichthyologia," and "Philosophia Ichthyologia;" Walbaum, a physician at Lubeck, re-published them in four volumes, in 1792. To Artedi belongs the merit of having first traced the outlines of that classification of fishes which has now become so popular in Europe. In his first edition of the "System of Nature," Linnæus adopted the Artedian method. La Cèpède, the friend of Buffon, produced an elaborate and extensive work on the "Natural History of Fishes."

The British fishes found an able and entertaining expositor in Mr. Pennant, in the third volume of his British Zoology, 1777. From the time of Pennant considerable improvements have been made in the arrangement of fishes, par-

ticularly within the last few years, which may be found in the recent communications to the Zoological Society, British Association, &c. On May 26, 1838, Dr. Cantor read to the Asiatic Society some notes on the fishes from the estuaries of the Ganges; in which he stated that not more than one-half of the species he had seen between Calcutta, and 21° N. lat., had been described by previous ichthyologists.

ICOLMKILL, anciently Iona, island, county of Argyll, Scotland. St. Columba, in the middle of the sixth century, landed here, and converted the inhabitants to Christianity. He founded a magnificent monastery called Columbkil, famed during the dark ages as the only seat of learning and piety in western Europe: it was first occupied by canons regular, who were in 807 dislodged by the Danes. This island is celebrated as the burial place of 48 Scottish, four Irish; one French, and eight Norwegian kings.

ICTHYOSAURUS. See **FOSSIL REMAINS**.

ICY CAPE, western coast of North America, discovered by Captain Cook, in April 1778; examined about 1826, by Captain Beechey in the Blossom. The farthest tongue of land which was reached in the Blossom's barge was named Point Barrow.

IDES, in the the Roman calendar, a denomination anciently given to eight days in each month; the first of which fell on the 15th March, May, July, and October; and on the 13th day of the other months. The Ides came between the calends and the nones, and were reckoned backwards. See **CALENDS**. This method of reckoning time is still retained in the chancery of Rome.

IDRIA, town, Austrian empire, kingdom Illyria, celebrated for its mines of quicksilver, in which 900 persons are constantly engaged, exclusively of 300 labourers. In 1803 the wood work in the galleries took fire, and the flames were not extinguished until the river Idrizza was made to discharge itself into the mines.

IFFLAND, **AUGUSTUS WILLIAM**, German actor and dramatic writer, died at Berlin, Sept. 22, 1814.

IGNATIUS, St., one of the earliest fathers of the church, was born in Syria, and is said to have been acquainted with several of the apostles, especially Peter

and Paul, and to have been made, about 67, Bishop of Antioch. In this city he continued more than 40 years, the honour and safeguard of the Christian religion, till Trajan, the emperor, commenced a persecution against the Christians. He was cast into prison, and condemned to be carried, bound, by soldiers to Rome, and there thrown as a prey to wild beasts. The time of his martyrdom has been placed by Eusebius in the tenth year of Trajan, A.D. 107. His epistles are extant in Greek, and in an ancient Latin version, which latter was published by Archbishop Usher, in 1664.

IGNATIUS LOYALA. See **LOYALA**.

ILANZ, or **ILANTZ**, town, Switzerland, suffered severely in 1799, on the retreat of Suwarrow before Massena, and subsequently, in 1801, from fire.

ILCHESTER, Somersetshire, was an important place at the time of the Norman conquest, and had then 107 burgesses. In the reign of William Rufus, it was besieged by and successfully defended against Robert de Mowbray, the leader of an insurrection. An hospital, dedicated to the Holy Trinity, was founded here about 1220.

ILFRACOMBE, Devonshire, much frequented on account of its convenience for sea-bathing. It contributed six ships and 82 mariners towards the expedition fitted out against Calais in 1346. During the civil wars it was garrisoned by the parliament, but taken in 1644 by the royalists. The parish church was built by government in memory of Captain Richard Bowen, who fell in July, 1797, in the attack on Teneriffe, under Lord Nelson.

ILLINOIS, a state of North America, United States, first colonized by a few families, who emigrated from Canada about 1720, and settled at Kaskaskia and Cohakia, where their descendants still remain. In 1810 the territory which now forms the state contained only a population of 12,282. The population having increased to 35,220, was formed into a state, and admitted into the union in 1818. At Galena on Fever river, near the north-west corner of the state, are very rich and productive lead mines; in 1830, these mines yielded 8,323,998 lbs.

ILLUMINATI, a sect of heretics, who sprung up in Spain about the year 1575; were revived in France in 1634, but they were so hotly pursued by

Louis XIII., that they were soon destroyed.

ILLUMINATI, a secret society which existed in Germany previous to the French revolution. Its real views were to subvert every established government and religion; about the year 1787 it was entirely suppressed.

ILLYRIA, a kingdom of the Austrian empire. The inhabitants were subdued by the Acmans, A.C. 228. At the division of the empire Illyria fell to the empire of the west; but in 476 was transferred to that of the east. In the sixth century, the kingdoms of Dalmatia and Croatia established their independence. During the 11th and 12th centuries, the Hungarians and Venetians obtained the mastery over part of this country; and subsequently the Turks deprived these of the greater part of their possessions. In the 18th century, Austria regained considerable part of those provinces which she had lost. In 1809 the emperor of the French decreed that the circles of Villach, Carinthia, Austrian Istria, Fiume, and Trieste, the Littorale, &c., should bear the name of the Illyrian provinces. In 1815 Illyria was assigned to Austria, and is the chief support of the Austrian navy.

IMPALEMENT, in heraldry, introduced 1206.

IMPEACHMENT, the first of a chancellor, and the first by the commons 1386.

IMPORTS AND EXPORTS. During the first half of the last century, and previously, woollen goods formed the principal article of native produce exported from Great Britain; and next to it were hardware, cutlery, leather manufactures, linen, tin, and lead, copper and brass manufactures, coal, earthenware, provisions, slops, &c. Corn formed a considerable article in the list of exports down to 1770; since which period the balance of the corn trade has been, with a few exceptions, very decidedly on the side of importation.

Cotton first became of importance as an article of export about 1770; since then the extension and improvement of the manufacture have been so astonishingly great, that the exports of cotton stuffs and yarn amount to about a half of the entire exports of British produce and manufactures. The exports of woollen goods has been comparatively stationary.

The principal articles of import during the last half century have consisted of sugar, tea, corn, timber, and naval stores, cotton-wool, woods and drugs for dyeing, wines and spirits, tobacco, silk, tallow, hides and skins, coffee, spices, bullion, &c. Of the colonial and other foreign products imported into England, considerable quantities have always been re-exported.

The following table exhibits the imports and exports of Great Britain for the three years ending 1840:—

Years ending 5th Jan.	Value of Imports into the United Kingdom calculated at Official Rates of Valuation.	Value of Exports from the United Kingdom calculated at the Official Rates of Valuation.			Value of the Produce of Manufactures of the United Kingdom therefrom, according to the real or declared Value thereof.
		Produce and Manufactures of the United Kingdom.	Foreign and Colonial Merchandise.	Total Exports.	
1838	£54,737,301	£72,548,047	£13,233,622	£85,781,669	£42,069,245
1839	61,268,320	92,459,231	12,711,318	105,170,549	50,060,970
1840	62,004,000	97,402,726	12,795,990	110,198,716	53,233,580

INA, king of Wessex, published the Saxon code of laws, 709.

INACHUS began the kingdom of Argos, A.C. 1856.

INCHBALD, MRS., the dramatic writer, died 1821.

INCHCOLM, island, Scotland, renowned for the remains of a magnificent Augustinian monastery, founded in 1123 by Alexander I., and dedicated to St. Columba. It was plundered by a British fleet in the reign of Edward III.

INCH-KEITH, island, Scotland, was taken by the English, in 1549, but recovered by the Scots.

INCOMBUSTIBLE FIRE-DRESS, or armour, consisting of wire gauze, lined with asbestos cloth, which will enable the wearer to traverse a sheet of flame during 15 or 20 seconds without injury, invented by Aldini, of Bologna, 1830.

INCOME TAX, laid on, 1799; repealed, 1802; renewed, 1803; increased 1806; renewed for a year, April, 1815; repealed, March 18, 1816.

INCREMENTS, METHOD OF, invented by Dr. Booke Taylor, secretary to the Royal Society. His "Methodus Incrementorum" appeared in 1715. Emerson's Method of Increments, was published in 1763.

INDIA has usually been divided into Hindoostan, or India within the Ganges; and India beyond the Ganges, including the Birman Empire, and Pegu, Siam, Cambodia, Cochin China, Tonquin, Malacca, &c. *See these articles respectively.*

The following is a chronological list of the principal events in the general history of India, in its connexion with England:—

1528. Attempts made by England to reach India by the north-east and north-west passages.

1599. A society of 101 adventurers petitioned Queen Elizabeth for a trading Charter to India, the origin of the East India Company. *See EAST INDIA COMPANY.*

1612. Jan. 11, a firman granted by the Mogul, allowing the English to establish factories at Surat, Ahmedabad, Cambaya, and Goga.

1613. English established a factory at Firando, in Japan.

1614. The Portuguese who were at war with the Mogul, defeated by the English on the Bombay coast; the English in consequence obtained a firman, granting them perpetual liberty of trading.

1746. War being declared between England and France, a French fleet was dispatched to attack Madras, which capitulated, but was restored to the English, in pursuance of the peace of Aix-la-Chapelle.

1749. A deposed rajah of Tanjore obtained the aid of the English, by a promise of the territory of Devicottah. The English took Tanjore, but abandoned the cause of the deposed rajah, on condition of receiving the territory of Devi-

cottah from the reigning prince. This was the beginning of the English military power in India. War in the Carnatic for the succession of the nabobship of the province, occasioned by the death of the subahdar of the Deccan; French and English engaged on different sides.

1751. French party triumphant. The protégé of the English, Mohammed Ali, took refuge in Trinchinopoly, where he was besieged by the French, and defended by the English. Captain Clive (afterwards Lord Clive) besieged Arcot, the capital of the Carnatic, reduced it, and defended it with success against very superior forces.

1752—1753. Hostilities continued, the advantage being generally on the English side.

1754. Aug. 2. Commissioners arrived from France and England to put an end to the war. Dec. 26, treaty of peace signed at Pondichery. Both nations to withdraw from interference in the affairs of the native princes.

1756. June 18. Calcutta attacked by Suraja Dowla. *See CALCUTTA.*

1757. June 23. Battle of Plassy, in which Colonel Clive, with about 3000 men, vanquished the subahdar at the head of nearly 70,000, and laid the foundation of the British permanent dominion in India.

1759. April 6. English took Masulipatam, and concluded a treaty with the subahdar of the Deccan, by which that prince ceded much territory, and engaged to suffer no French settlement in his dominions. The French forts fell successively into the power of the English: Nov. 29, Wandewash; Dec. 10, Carangoly; Feb. 9, 1760, Arcot fell; Jan. 14, 1761, Pondichery surrendered; and by the middle of April not a vestige of the power of the French remained in the Peninsula.

1765. May 3. Lord Clive arrived at Calcutta, with the titles of governor and commander-in-chief.

1766. Important treaty with Nizam Ali, sovereign of the Deccan, by which the Northern Circars were granted to the English. March 11. Warren Hastings accused by Rajah Nundcomar, the Foujdar of Hooghly, of receiving bribes to a vast amount. *See HASTINGS.*

1780. June. Intelligence received at Madras, of the warlike preparations of Hyder Ali, who, exasperated at the de-

molition of Mahe (a post in possession of the French, within his dominions, taken March 19, 1779) had made an alliance with the Mahrattas, and assembled a large army, officered by Frenchmen, and provided with arms from Europe.

1782. Feb. Successes of Hyder Ali's army under his son Tippoo Saib. Death of Hyder Ali, Dec. Tippoo Saib, established himself on the throne of Mysore, evacuated Arcot, and retired from the Carnatic, to settle the affairs of his kingdom, and to resist an invasion of the Malabar coast by General Matthews.

1784. March 11. Treaty of peace signed with Tippoo, stipulating a restitution of conquests on both sides.

1792. Peace with Tippoo in which he agreed to cede one half of Mysore, to pay 33,000,000 rupees, and to give up two of his eldest sons as hostages.

1799. May 4. War renewed with Tippoo. Seringapatam stormed by Major-General Baird; Tippoo killed. June 22, partition treaty of Mysore, between the Nizam of the Deccan and the English. Mysore divided. The English took the southern portion, and the city of Seringapatam, by which accession their territory reached from sea to sea. The Nizam took an equal portion on the north-east. Some districts on the north-west, equal in value to more than half of each of their own portions were offered by the Allies to the Mahrattas, and the remainder was given to Kistna Raj Oudawar, a descendant of the ancient Rajahs of Mysore, under whom it formed a little kingdom, dependent on the English.

1801. July 15. On the death of the nabob of Arcot, the English resolved to take the functions of government into their own hands. The English, in consequence, raised Azim ad Dowla, the nephew of the deceased nabob, to the nominal throne, on condition of his renouncing the powers of government in their favour. In 1801, the English were involved in disputes between Jeswunt Rao Holkar and Dowlut Rao Scindia, two powerful Mahratta chiefs. Holkar defeated.

1803. August 3. After many fruitless negotiations with Dowlut Rao Scindia, the British resident quitted Scindia's camp, and war commenced against him, and his ally, the rajah of Berar. The same year, the army, under General Arthur Wellesley, entered the Mahratta states on the south, took the fort of

Ahmednuggur, August 12. Defeated Scindia and the rajah of Berar at Assye, on the river Kaitna, Sept. 23. Boorhanpore taken on October 15, and Asseerghur on the 21st. Scindia again defeated at Argaum, Nov. 28. Gawilghur taken Dec. 15. Dec. 29, treaty of peace with Scindia, who agreed to give up Baroach, Ahmednuggur, and his forts on the Dooab, and to exclude all Europeans except the British.

1805. Sept. Holkar ravaged the British territories; the commander-in-chief proceeded against him, and put him to flight.

1817. Dec. 21. Battle of Mehudpore, in which Holkar was beaten by Sir T. Hislop. Jan. 6, 1818, peace with Holkar.

1824. Breaking out of war with Burmah. See BURMAN EMPIRE.

1826. Feb. 24. Treaty of Yandaboo finally signed; the British to retain Aracan, Tavoy, Mergui, and Tenasserim; the Burmese to pay one crore of rupees.

1829. Dec. Decrees issued for the abolition of suttees, or the burning of Hindoo widows. See SUTTEE.

1837. A dreadful famine spread itself through the various parts of the British territories, especially in the upper provinces. The number of deaths from exposure and starvation, which had come under the cognisance of the Cawnpoor Relief Society, in five months, at that station only, was upwards of 1200.

1838—1840. War in India, in consequence of the disputed sovereignty of Cabool. See CABOOL. November, 1840. Further successes in China and Cabool. Defeat of Dort Mahomet near Bamean. Capture of Chusan.

1838. The benefits of overland communication with India were experienced early in the past year: one mail having arrived in 49 and the other in 50 days. The former left Bombay on March 2, and brought answers to letters from London, date Jan. 6; thus completing the time out and home in three months, 12 days. In the year 1838, 300 Europeans crossed the Desert.

INDIA-RUBBER. See CAOUTCHOUC.

INDIANA, one of the United States. The first settlement was peopled about the beginning of the last century by the French emigrants from Canada. In 1801, Indiana was erected into a territorial government, and in 1816 into a state.

INDIGO drug obtained from leguminous plants of the genus *Indigofera*.

The culture of the plant, and the preparation of the drug have been practised in India from a very remote epoch. It was imported into modern Europe, by way of Alexandria, previously to the discovery of the route to India, by the Cape of Good Hope. In Germany, an imperial edict was published in 1654, prohibiting the use of indigo; and it was not till 1737, that the dyers of France were left at liberty to dye with such articles. In 1783 the attention of the English began to be directed to this business, and the preparation of indigo has become the most important employment. During the nine years which preceded the opening of the trade with India, in 1814, the annual average produce of indigo in Bengal, for exportation, was nearly 5,600,000 lbs.; but it is much increased since that period.

INDULGENCES, in the Romish church, first invented in the 11th century, by Urban II., as a recompense for those who went in person upon the enterprise of conquering the Holy Land. See **CRUSADE**.

INDUS, river, Asia, rises in the mountains of Tartary, about lat. 39° N., takes a south-west course, passes the Hindoo Koosh, mountains of Hindoostan, and enters that territory about lat. 35° N. The navigation of this river has, for some time, become the subject of inquiry; and the attempt attended by many discouragements; it has, however, been effected. The Asiatic Journal for 1838 states, that the navigation has already given an impulse to the trade, and promises to open new markets for British goods in Candahar, Cabul, and Bokhara, as well as Sinde.

INFERNAL MACHINE. See **FIESCHI**.

INFLUENZA, an epidemic disease which has, at different times, spread more rapidly and extensively than any other. Very little was known of it till it made its appearance in England in 1782, when it excited great alarm. It again prevailed in England in 1833 and 1837.

INGOLSTADT, Bavaria, university of, founded in 1573.

INGULPHUS, the historian, lived in 1100.

INK-FILTER, invented in 1839, by Mr. Perry, the steel-pen manufacturer. It is an inkstand, in which is a strainer of very fine material, for purifying the ink, which is propelled into a receiving funnel

by means of an air-pump. The whole occupies little more space than a common ink-glass. It also possesses the advantage, from being air-tight, of preserving ink for almost any period of time.

INN-HOLDERS' COMPANY, London, incorporated in 1515.

INOCULATION, the art of transferring certain infectious diseases from one subject to another. The first accounts of it as a science appeared in the "Philosophical Transactions," about 1701. In 1717 Lady Mary Wortley Montague, having experienced the beneficial effects of it on her son, at Pera, near Constantinople, on her return to England, in 1722, had a daughter of six years old inoculated. The art was introduced by Mr. Maitland into Scotland in 1726. Mr. Daniel Sutton, of Ingelstone, in Essex, in 1763, made several improvements in the methods of inoculation, which were so popular that he received, during the first year, 2000 guineas, and above 6000 the second. The practice of inoculation made a similar progress in France. Sweden soon followed the example of the British; Russia engaged one of our principal promoters and improvers of this art; and there were few countries which did not more or less continue, from this period, to practise it till the introduction of the vaccine inoculation. See **VACCINATION**.

INQUISITION first established by Pope Innocent III. in Toulouse, in 1229. Afterwards, under the patronage of Innocent IV., it was extended to all Italy, with the exception of Naples, where its introduction was always resisted. From the south of France, where it existed in its greatest activity and vigour, the inquisition extended itself during the 13th century to the northern provinces of Spain.

INQUISITION IN SPAIN first established by the influence of Ferdinand V., and the celebrated Torquemada was made inquisitor-general. In 1484 the first code of regulations was drawn up. The total of his victims, during the 18 years of his administration, is estimated as follows: more than 10,000 committed to the flames; nearly 7000 burnt in effigy; and upwards of 97,000 sentenced to confiscation, perpetual imprisonment, or infamy.

Deza, the successor of Torquemada, in 1498, kindled a warm persecution against the Moors. His reign lasted eight years, during which term he caused 2592 in-

dividuals to be burnt; 896 to be executed in effigy; and sentenced 34,952 to penance, more or less severe.

In 1507 the celebrated Ximenes de Cisneros was appointed the third inquisitor-general. His authority lasted 11 years, during which 3564 individuals were burnt in person, 1232 in effigy, and nearly 50,000 persons visited with different degrees of punishment.

In 1539, Juan Pardo de Tabera, archbishop of Toledo, was nominated to the office, and he proved a resolute maintainer of the power and privileges of his tribunal. The reign of Philip II. was the most flourishing period of inquisitorial domination. The principal event in the reign of Philip III. was the expulsion of the Moriscoes, in which the chiefs of the Inquisition took an active share, and succeeded in depriving Spain of not less than a million of her most useful and industrious inhabitants.

On Feb. 22, 1813, the decree was issued by the Cortes, that "The tribunal of the Inquisition is incompatible with the constitution." Nevertheless, no sooner had Ferdinand VIII. resumed the reins of government, than he dispersed the Cortes, annulled their acts, and by a decree, dated July 23, 1814, re-established the Inquisition in full powers. In 1820 a revolution was effected in Spain, through the influence of the more enlightened of his subjects; in consequence of which a free constitution was established, and the Inquisition with all its horrors finally abolished.

INSECTS. See **ENTOMOLOGY.**

INSOLVENCY. Under the bankrupt laws, the creditors have a compulsory authority to sequester the entire possessions of their debtor; under the insolvent laws, the debtor himself may make a voluntary surrender of his property for the benefit of all his creditors. See **BANKRUPTS.**

1813. A special tribunal, called the "Court for Relief of Insolvent Debtors," was appointed for the purpose of receiving the surrender of property and effects for the benefit of the creditors of insolvents. The court sits twice a week in Portugal Street; and no fees are taken except those established by the court. The Commissioners also make circuits, and attend at the towns and places appointed for insolvents in the country to appear.

1838. 1 and 2 Victoria, c. 110, Aug. 16,

s. 23 to 34, continues the present court for the relief of insolvent debtors; and directs the circuit of the commissioners, &c.

INSTITUTE, NATIONAL, of France; or, as it is now called, the Institute of France, was founded by a decree of the new constitution, in 1795. In the time of Buonaparte it consisted of four classes, viz. 1. Class of physical and mathematical sciences. 2. Class of French language and literature. 3. Class of history and foreign literature. 4. Class of the fine arts. It was ordained that every year the classes should distribute prizes.

INSURANCE, a contract of indemnity, by which one party engages, for a stipulated sum, to insure another against the risk to which he is exposed.

MARINE INSURANCE, from the extraordinary hazard to which property at sea is exposed, seems to have long preceded insurances against fire and upon lives. Suetonius ascribes the first introduction of insurance to the emperor Claudius, who in a period of scarcity at Rome, A.D. 43, to encourage the importation of corn, took upon himself all the loss or damage it might sustain in the voyage thither by storms and tempests. With the exception of the above insurance, nothing bearing the remotest resemblance is to be met with till a comparatively recent period. It is supposed to have had its origin in modern times, at Barcelona, in the 15th century, and was early brought into England. It is mentioned in the statute 43 Eliz. c. 12, a statute, in which its utility is very clearly set forth.

INSURANCE FROM FIRE, AND UPON LIVES, is of much later origin than insurance against the perils of the sea. The former, however, has been known and carried on amongst us, to some extent at least, for nearly a century and a half. The oldest office upon record is that of the Hand-in-Hand, established 1696; since which, however, there have been numerous offices established in London, as well as in various parts of Great Britain.

An alphabetical List of London Assurance Companies, with the dates when they were established:—

- 1805. Albion, New Bridge-street.
- 1824. Alliance, Bartholomew Lane.
- 1706. Amicable, Serjeant's Inn.
- 1833. Argus, Throgmorton-street.
- 1824. Asylum, 70, Cornhill.
- 1808. Atlas, Cheapside.

1837. Britannia, Princes-street.
 1820. British Commercial, Cornhill.
 1825. Clerical, Great Russell-street.
 1806. County, Regent-street.
 1824. Crown, New Bridge-street, (fire only).
 1807. Eagle, New Bridge-street.
 1823. Economic, New Bridge-street.
 1762. Equitable, Chatham Place.
 1819. European, Chatham Place.
 1803. Globe, Cornhill.
 1821. Guardian, Lombard-street.
 1696. Hand-in-Hand, New Bridge-street.
 1807. Hope, New Bridge-street.
 1820. Imperial, Sun Court.
 1823. Law Life, Fleet-street.
 1837. Legal and General, Fleet-street.
 1838. Licensed Victuallers, London Bridge.
 1721. London Assurance, 19, Birchin Lane.
 1806. London Life, 81, King William Street.
 1835. Metropolitan, Princes-street.
 1834. Mutual, 37, Old Jewry.
 1830. National, King William-street.
 1836. National Loan Fund, Cornhill.
 1809. North British, Bank Buildings.
 1808. Norwich Union, Bridge-street.
 1797. Palladium, Waterloo Place.
 1797. Pelican, Lombard-street.
 1827. Promoter, Chatham Place.
 1838. Protector, Old Jewry.
 1806. Provident, Regent-street.
 1807. Rock, 14, New Bridge-street.
 1722. Royal Exchange, Lombard-street.
 1824. Scottish Union, Strand.
 1714. Union, Cornhill.
 1834. United Kingdom, Waterloo Place.
 1834. Universal, King William-street.
 1825. University, Suffolk-street.
 1838. Victoria, King William-street.
 1807. West of England, New Bridge-street.
 1792. Westminster, Strand.
- INSURRECTIONS.** See **CONSPIRACIES.**
- INTERDICT**, an ecclesiastical censure, by which the church of Rome forbids the performance of divine service in any country or city. This censure has been frequently executed in France, Italy, and Germany; and in 1170, Pope Alexander III. put all England under an interdiction.
- INTEREST** of money first mentioned

as legal at 10 per cent. 1199. It was 2*d.* per week for 20*s.* in 1260; 45 per cent. 1307.

First law in England establishing at 10 per cent. 1546. The subjects of Edward VI. repealed this as unlawful and most impious; but it was restored in Queen Elizabeth's time. In those days the monarchs could not borrow without the collateral security of the metropolis. In 1624 the legal rate was reduced to 8 per cent.; and in the reign of Queen Anne it was further reduced to 5 per cent., at which it continues, with some modifications in regard to bills of exchange. See **USURY.**

INTERIM, a name given to a formulary, or kind of confession of the articles of faith, obtruded upon the protestants of Germany after Luther's death by the emperor Charles V., May 15, 1548. It was abolished by the diet at Augsburg in 1555.

INUNDATIONS. The following are the principal on record:—

A.D. 8. The Thames destroyed a great number of the inhabitants of its banks.

80. The Severn overflowed, and destroyed vast quantities of cattle.

87. The Medway overflowed its banks and drowned the country.

95. The Humber overflowed and laid the adjacent country, for 50 miles, under water.

115. The Severn overflowed and drowned 5000 head of cattle, and people in their beds.

214. The Trent overflowed above 20 miles on each side of its banks, and drowned many people.

218. The Tweed had a sudden inundation, and destroyed a considerable number of the inhabitants on its banks.

245. An inundation of the sea in Lincolnshire, which laid under water many thousand acres, that have not been recovered to this time.

250. The Ouse, in Bedfordshire, overflowed, and drowned numbers of people and cattle.

323. Another inundation which destroyed all the inhabitants in Ferne Island, seven miles south-west from Holy Island.

353. Above 5000 people lost in Cheshire by an irruption.

415. One of the Dee, which drowned 40 families.

738. An inundation at Glasgow, which drowned above 400 families.

1100. The sea overflowed 4000 acres of Earl Godwin's land, in Kent, since called Godwin Sands.

1108. A great part of Flanders overflowed by the sea.

1243. An inundation of the Thames for above six miles at Lambeth, &c.

1280. At Winchelsea, above 300 houses were overthrown by the sea.

1339. 120 laymen, and several priests, besides women, were drowned by an inundation at Newcastle-upon-Tyne.

1400. At the Texel, which first raised the commerce of Amsterdam.

1421. The sea broke in at Dort, and drowned 72 villages, and 100,000 people, and formed the Zuyder sea.

1717. In Holland and Zealand, when 1300 inhabitants were drowned, and also one at Holstein in the same year.

1722. May 18, in Yorkshire, called Rippon flood.

1730. In Chili, which overflowed the city of Conception.

1735. At Dagenham, and upon the coast of Essex, which carried away the sea-walls, and drowned several thousand sheep and black cattle.

1762. One in Spain, in April, which did 3,000,000 livres' damage at Bilboa. May following in France, which did great damage.

1770. November, at Coventry, 70 persons were drowned, and much damage done, as well as in Cambridgeshire, Gloucestershire, &c.

1771. In the north of England, when Newcastle-bridge, &c., was carried away.

1773. November 10, at Venice, and at Naples, where it carried away a whole village, and drowned 200 of the inhabitants. One also at Calcutta, in the East Indies.

1785. In different parts of Germany, when some thousands had their houses and property destroyed. September and October, in different parts of England.

1787. September, at Navarre, in Spain, where 2000 lost their lives, and all the buildings of several villages were carried away by the currents from the mountains.

1787. November 12, a terrible inundation by the Liffey, in Ireland, which did very considerable damage in Dublin and its environs.

1788. October 4, at Kirkwald, in Scotland, by breaking the dam-dykes, which nearly destroyed the town.

1791. November 20, of the river Don, near Doncaster, and the Derwent and

Trent, and one of great extent at Placentia in Italy.

1795. February, almost throughout England, by the melting of the snow, and the greatest part of the bridges were either destroyed or damaged.

1800. October 4, at St. Domingo, which destroyed 1400 persons.

1811. April, at Pest, near Prestburg, by the overflow of the Danube, by which 24 villages with their inhabitants were swept away.

1811. October, by the overflowing of the Elbe, the village of Wurgun, in the duchy of Luneburg, was swept away.

1813. September 14, by the overflow of the Danube, a Turkish corps of 2000 men, on a small island, near Widden, were surprised and met with instant death, and the island itself sunk and disappeared.

1813. August, by the overflowing of the Drave, near Orsatch, six villages and the suburbs of a town were swept away, and a congregation of 240 persons buried beneath the ruins of a church.

1813. June and July, in Silesia, six thousand inhabitants were destroyed, and the ruin of the French army, under Macdonald, accelerated by the floods: and in Poland 4000 lives are supposed to have been lost. By the overflow of the Mississippi, the country on the west side was inundated to the distance of 65 miles, by which 22,000 head of neat cattle were destroyed.

1814. February, by the overflow of the Nerbudda river, in the province of Bengal, which swept away 15 villages, with the houses, inhabitants, and cattle.

1816. January 12, at Strabane, in Ireland, by the melting of the snow on the surrounding mountains, the most destructive flood that had been witnessed for 20 years.

1816. February, the greatest flood ever remembered in Northumberland and Durham.

1816. March, 53 villages in the great Werder, 49 in the districts of Segenhoff, and 17 Elbing villages, were under water.

1816. June and July, at Thiel, Arnheim, Zutphen, and numerous other places on the continent, the harvest was nearly destroyed by inundations from continued rain.

1829. In Moray, Scotland, when above 5000 square miles were flooded.

1833. August 29, 10,000 houses destroyed at Canton.

1833. October, 18,000 houses carried away in the city of Chienchow, besides much other damage done throughout China.

1834. January 15, whole villages swept away, and many thousands of inhabitants, in the country around Canton.

1837. December 27, in the north of England. The roads, and many towns and villages were inundated, some lives lost, and much property destroyed.

1840. Dreadful inundation in Italy and France. In Sardinia it broke suddenly on the town of Verres, and nearly destroyed it. In France the sudden rise of the Rhone carried every thing before it.

INVASIONS of England and Great Britain :—

A.C. 55. By the Romans under Julius Cæsar. A.D. 43. Again under Plautius. In 447, by the Saxons. Invasions by the Danes. See DANES.

From the death of Edward the Confessor, there have been 21 unsuccessful attempts at invasion. The following were the only successful ones :—In Sept. 29, 1066, by William of Normandy. In Sept. 23, 1326, by Isabel, queen of Edward II. In July, 1399, by the duke of Lancaster. In 1470, by the earl of Warwick. In 1471, by Edward IV. In Aug. 6, 1485, by the earl of Richmond, afterwards Henry VII. In Oct. 19, 1688, by the prince of Orange, afterwards William III.

INVOCATION of the Virgin and Saints began to be practised 593.

IONA. See ICOLMKILL.

IONIAN ISLANDS, a republic, composed of the islands, Corfu, Paxo, Santa Maura, Ithaca, Cerigo, Zante, and Cephalonia, situate west from the Gulf of Lepanto. Previous to the French Revolution, these islands were subject to Venice, but ceded to the French by the treaty of Campo Formio, in 1797; the French were shortly afterwards driven out; and in 1799, the Russians and Turks conquered them. The emperor Paul, of Russia, in 1800, declared them a state under the protection of Turkey. In 1807, they were again relinquished to France by the Treaty of Tilsit; but all except Corfu, fell subsequently into the possession of the British, Nov. 5, 1815. The Ionian islands were finally placed under the protection of the British, from whom they received a constitution in 1817. There is a British high commissioner resident at Corfu, the capital of the state, and Great Britain has a right to occupy

the fortresses and keep up garrisons. In 1819, on the cession of the city of Parga to the Porte, by Great Britain, the greater part of the inhabitants, in despair, emigrated to the Ionian islands. See PARGA. Since the British occupation the trade has greatly increased. In 1835 a steam engine, with hydraulic presses for the squeezing of the olives, and with four pairs of stones attached for the grinding of corn, was sent to Corfu.

IPSWICH, Suffolk, was anciently fortified, and encompassed with a ditch and rampart. The Danes pillaged the town, and demolished part of its defences in 991 and 1000. William the Conqueror erected a castle here, which Stephen caused to be taken down. King John restored all the mural protections, and built four town gates. Previous to 1477, a free grammar-school existed here; Cardinal Wolsey converted it into a collegiate institution, which becoming extinct with the termination of his greatness, Henry VIII. restored it to its original form, and Queen Elizabeth confirmed and enlarged the foundation, in 1565. Some remains of Wolsey's college still survive the waste of years.

IRELAND, the most westerly of the British isles. There is no evidence that the Irish had the use of letters before the middle of the fifth century, when christianity and christian literature were introduced by St. Patrick. In the eighth and ninth centuries, the scholars of Ireland were amongst the most distinguished at the courts of the Saxon kings, and of Charlemagne.

Ireland had been for nearly two centuries, torn by internal wars, and ravaged by the Danes; when, in the beginning of the 11th century, Brian Borrhoimi, or Boroimh (the conqueror), united the greater part of the kingdom under his sceptre.

1156. Dermot Mc Murrogh, king of Leinster, having provoked the vengeance of O'Rourke, prince of Breffny, or Leitrim, by the abduction of his wife, fled for aid against the wrath of his enraged enemy, to Henry II., king of England, whom in return he promised to acknowledge as his sovereign lord. Henry accepted the conditions, and gave permission to all his subjects to assist him. In 1170, Richard, earl of Chepstow, accompanied by Fitzstephen and Fitzgerald, with a small body of troops, landed in

Ireland, and soon made themselves masters of a considerable part of the island, which was totally subdued in 1210.

1310. Edward Bruce, brother of the king of Scotland, landed in Ireland at the head of a Scottish force, and caused himself to be crowned king of the island, but was defeated, and obliged to return without accomplishing any thing substantial.

1361. The duke of Clarence, son of Edward III., married the daughter and heiress of the king of Ulster, the only independent prince that then remained. A parliament held at Kilkenny, in 1367, forbade intermarriages with the Irish, the use of their language, &c. In the reign of Henry VII., the law of Sir Henry Poynings was enacted, which ordained that Irish parliaments should not assemble or pass any laws without the leave and approbation of England. The reigns of Henry VIII. and Elizabeth were turbulent; the latter was disturbed by O'Neil, earl of Tyrone, aided by the Spaniards.

1613. The first national parliament was held in Ireland. James I. expelled great numbers of the natives from the counties of Donegal, Tyrone, Derry, Fermanagh, Cavan, and Armagh, and colonized them with English undertakers, and Scotch servitors. In this reign the University of Dublin, founded by Elizabeth, was enriched by many of the largest benefices in the province. On the accession of Charles I., Wentworth, afterwards earl of Strafford, was appointed lieutenant, and established the linen manufacture: his measures, though frequently arbitrary, were beneficial to the country.

1641. A rebellion broke out, when many English Protestants were murdered in cold blood. After the death of Charles I., Cromwell was appointed lieutenant, and with his usual promptitude, soon reduced the whole country.

The dependence of the Irish parliament on the English became a subject of controversy; and, in 1719, was passed an act, declaring that the British parliament had full power to make laws, binding the people of Ireland. The Irish trade and industry were also subject to every kind of restriction and discouragement. Factions now broke out under the various names of Whiteboys, Oakboys, &c.

Ireland was attempted to be invaded

by the French, in 1760, by Thurot; and in Jan. 1789, at Bantry Bay, where their forces were dispersed in a storm. It was put under martial law, May 19, 1797. The French landed, at Killaloe Bay, 1500 men, Aug. 22, 1798, who surrendered prisoners, Sept. 7, following. The suppression of the civil war was followed, in 1800, by the legislative union of the two kingdoms; from this period the history of Ireland belongs to that of Great Britain.

The following is a list of the lords lieutenant of Ireland, from the Union to the present time: Earl of Hardwicke, Feb. 23, 1801. Duke of Bedford, Feb. 12, 1806. Duke of Richmond, April, 1807. Viscount Whitworth, June, 1813. Earl Talbot, Sept., 1817. Marquis Wellesley, Dec. 1821. Marquis of Anglesey, 1826. Duke of Northumberland, 1827. Marquis of Anglesey, Dec. 1830. Marquis Wellesley, again, 1833. Lord Mulgrave, 1835. Marquis of Normanby, 1838. Viscount Ebrington, 1839.

The following are the principal facts in the domestic history of Ireland, since the Union:—

1801. A select committee reported, that a secret and extensive conspiracy existed throughout the country, without definite objects, against the government; and in 1803 a rebellion broke out. In 1806 appeared the combination of the "Threshers," a most extensive association, for regulating tithes, priests' dues, &c.

1811—1814, the greater part of Ireland was a prey to the most frightful excesses. In 1817 the Insurrection Act was deemed by government to be indispensable. In 1821 nearly the whole of Munster, and a considerable portion of Leinster and Connaught, were in a state of insurrection; many districts were proclaimed, and the law executed upon the offenders with the utmost severity. Large bodies of troops were dispersed over the disturbed districts, but with little avail; a spirit of outrage which led to daring and systematic violations of the law, still prevailed. This was the precursor of a renewal of the Insurrection Act, in 1823 and 1824.

1829. The memorable year in which Catholic Emancipation was carried, was attended by some disturbances, which partially continued during two following years. In 1833 the country was proclaimed under the Coercion Act;

since then a gradual amendment has taken place.

1830—1839. The improvement was most decided; some murders had been committed in the country, but they were chiefly confined to one district.

1840. The Irish Corporation Bill passed, Aug. 6. See MUNICIPAL CORPORATIONS.

IRELAND, SAMUEL, notorious for the forgery of the Shakspeare papers, died 1835.

IRENE, empress of Constantinople, born in 752; deposed and banished to Lesbos, 802; died 803.

IRENÆUS, an ancient Christian writer, and bishop of Lyons, was born in Greece about the close of the first century. He was the disciple of Pappias and Polycarp, by whom he was sent into Gaul, about 157. In 178 he was sent to Rome, where he disputed with Valentinus, and his two disciples, Florinus and Blastus. At his return to Lyons, he succeeded Photinus, as bishop of that city. It has been commonly supposed that he died a martyr, in 202. The best editions of his works are those of Erasmus, in 1526: of Grabe, in 1702; and of Father Massuett, in 1710. His writings afford express testimony to the four Gospels, the Acts of the Apostles, and twelve of Paul's Epistles.

IRETON, GEN. H., commander of the Parliamentary army, and son-in-law to Cromwell, born 1610, died 1651.

IRISH HOSPITALS. See HOSPITALS.

IRISH WORKING SCHOOL SOCIETY, incorporated Oct. 1773.

IRON, the most difficult of all the metals to obtain in a state fit for use. It was prepared in ancient Egypt, and some other countries, at a very remote period; but it was very little used in Greece till after the Trojan war.

Iron mines have been wrought in England from a very early period; those of the Forest of Dean, in Gloucestershire, are known to have existed in the year 1066. In consequence of the great consumption of timber which they occasioned, they were restrained by act of parliament, in 1581. Soon after this, Edward Lord Dudley invented the process of smelting iron ore with pit-coal instead of wood fuel, for which he obtained a patent, in 1619, but it did not then come into use.

In the early part of last century, complaints being made of the waste and

destruction of woods caused by the smelting of iron, this led, about 1740, to the general adoption of Lord Dudley's process for using pit coal. From this period the progress of the manufacture has exceeded the most sanguine expectations. In 1740 the quantity of pig iron manufactured in England and Wales, amounted to about 17,000 tons, produced by 59 furnaces, and this has gone on increasing in quantities varying to 1830, when 678,417 tons were produced by 367 furnaces. The quantity of iron and steel, wrought and unwrought, exported from Great Britain in 1838 was 256,017 tons, at the declared value of £2,535,692.

1839. The council of the Institution of Civil Engineers awarded a Telford premium to Mr. Bramah, for his series of experiments on the strength of cast iron. These experiments, undertaken with the view of verifying the principles assumed in the work of Tredgold on Iron, exceeded any previous ones, since two specimens of each beam were subjected to trial. The principles sought to be established are that, within the elastic limit, the forces of compression and extension are equal; and that, consequently, a triangular beam, provided it be not loaded beyond that limit, will have the same amount of deflection, whether the base or apex be uppermost; and a flanged beam the same deflection whether the flange be at top or bottom.

IRON MASQUE, or Man with the Iron Masque, died in the Bastile at Paris, 1703. The identity of this unfortunate person is an historical problem. By some he is said to have been the twin-brother of Louis XIV.; by others, the son of Cardinal Mazarin, by Louis's mother, Anne of Austria. By some he is said to have been Foucquet, a statesman, in the time of Louis; by others Count Matthioli, secretary of state to Charles III. duke of Mantua.

IRONMONGERS' COMPANY, London, incorporated 1464.

IRVING, REV. EDWARD, M.A., the celebrated preacher, was born at Annan in Dumfriesshire, and educated at the University of Edinburgh. In 1811 he was appointed to superintend the mathematical school at Haddington, whence he was removed, in 1812, to instruct the higher classes at Kirkaldy. On being afterwards engaged by Dr. Chalmers as his assistant, in St. John's Parish,

Glasgow, he gained so much reputation, that on a vacancy occurring in the ministry of the Caledonian church, in Cross street, Hatton Garden, he was invited to London, and took possession of the pulpit in August, 1822. Here he soon attracted very large congregations, by the force and eloquence of his discourses, and, also, by the singularity of his appearance and gesticulation.

A handsome church, erected for him by subscription, in Sidmouth-street, Regent Square, was completed in 1829. He was scarcely established in his new pulpit, when his thirst for notoriety urged him to the adoption of more dangerous eccentricities, and he became the founder of a sect which still bears his name. He was charged with heresy, at a meeting of the presbytery of London, Nov. 29, 1830. At length the trustees of the church in Regent Square completed his ejection May 3, 1832. The latter years of his life were marked by an increase of those eccentricities for which he had been long distinguished. He died at Glasgow, Dec. 6, 1834, aged 43. "The constitutional basis and ground-work of his character," says Dr. Chalmers, "was virtue alone, and notwithstanding all his errors and extravagances, which both injured him in the estimation of the world, and threw discredit upon much that was good and useful in his writings, I believe him to have been a man of deep and devoted piety."

ISAAC, Abraham's son, died A.C. 1717, aged 180.

ISÆUS, the Greek orator, flourished A.C. 400.

ISAIAH began to prophesy, A.C. 786. Put to death A.C. 696.

ISHMAEL, son of Abraham, born A.C. 1910, died 1773.

ISLEWORTH, Middlesex. In 1263 the barons, in an insurrection against Henry III., encamped in Isleworth park. The property having subsequently become vested in the crown, Henry V. founded on it a convent of Bridgetine nuns, called the monastery of Sion. Edward VI. granted the estates to his uncle the duke of Somerset; on his attainder it fell to the crown, and was regranted, in 1604, to Henry, duke of Northumberland, whose descendants still retain possession.

ISLE OF MAN. See MAN.

ISLINGTON, Middlesex, was anciently a favourite place of recreation for

the citizens of London, and in 1514 when the commons were enclosed, they levelled the fences, and attempted to continue their amusements by force. Fox says, that four persons were burned here for heresy, in 1557. Ramparts were thrown up at Islington for the defence of the capital, at the commencement of the war between Charles I. and the parliament.

ISLINGTON CHURCH, Middlesex rebuilt Aug. 28, 1751.

ISLIP, Oxfordshire. Near the centre anciently stood a palace belonging to Ethelred II., whose son, Edward the Confessor, was born here. The manor was given by the confessor to the abbot and monks of Westminster, and in the manor-house Isabel of France resided for a short time in 1326, whilst concerting measures for the dethronement of her husband Edward II. In 1644 and 1645, there were repeated skirmishes in this village, and its vicinity, between the forces of Charles and the parliament.

ISMAIL, or ISMAILOV, town, European Russia, was, in December 1790, stormed by the Russians under Suwarow: they were several times repulsed by the Turks, and lost in the siege 10,000 men, but at length succeeded: 30,000 prisoners were afterwards put to death in cold blood by the conquerors. The booty was immense in horses and military stores, valued at 10,000,000 piastres.

ISOCRATES, Athenian orator, died A.C. 338, aged 89.

ISPAHAN, Persia. Under the caliphs of Bagdad it became the capital of the province of Irak. In 1387 it was taken by Timour Bec, and 70,000 of the inhabitants are said to have perished in an indiscriminate slaughter. Shah Abbas afterwards greatly embellished it. In 1722 it was taken by the Affghans, but in 1727 was retaken by Nadir Shah.

ISRAELITES. See BIBLE, p. 104. For an account of their subsequent history, see JEWS.

ISTHMIAN GAMES instituted by Sysiphus, king of Corinth, in honour of Neptune, A.C. 1326; revived by Theseus, 1234; restored, and ordered to be celebrated every fifth year, 582.

ISTRIA, district, Austria, part of ancient Illyria. Two thirds of this territory formerly belonged to the Venetians; but the whole was ceded to Austria in 1805. It became subject to France in

1809, but was conquered by Austria in 1814, and confirmed to that power at the general pacification of Europe.

ITALY was anciently known by a variety of names. It was called Latium, from the Latini; Ansonia, from the Ansones; and Hesperia, from its western situation in respect of Greece. From a colony of the Latins proceeded the Romans, who subdued the other nations, one after another, and held them in subjection for more than 700 years. See ROME.

After the decline of this empire, towards the close of the fifth century, when the empire of the west was every day deprived, by the conquests of neighbouring tribes of barbarians, of some valuable province or territory, Italy alone for some time preserved the appearance and name of the Roman empire.

Odoacer established the kingdom of Italy, and declared the Roman empire in the west abolished, 476; the empire of the Ostrogoths, under Theodoric, extended from 493—553. Italy was reconquered in part by Belisarius and Narses, for the empire of the east, 535—554; the subpatriarchate of Italy extended from 554—568; success of the Lombards, and division of Italy into Lombardy (under the Lombards), and the sub-patriarchate of Ravenna, or Grecian Italy (under the emperor of the east), 568: the dukes at Rome expelled, 728, and the pope (Gregory II.) placed at the head of the Roman republic.

Quarrels of the popes with the sub-patriarch and the Lombardian kings; destruction of the sub-patriarchate by Astolphus, a Lombard, 752; Pepin reigned in Italy, 754—755; conquest of Lombardy by Karl (Charlemagne), 774, who was named emperor of the west, 800.

Dismemberment of the new empire; Berenger I. made king of Italy, 888; wars with the emperors; perpetual defeats; independence of the principal cities; elevation of Genoa (where there was a consulate), 888; and of Venice (of which the first magistrate was a

doge), 697; augmentation of the papal power; exploits and conquests of the Normans, 1005—1114, &c., who formed the kingdom of Naples.

Wars of the Guelphs and Gibelins (Welf and Hohenstauffen), 1138—1268, &c. See GIBELINS. Quarrels of the popes with the French, 1295—1303.

Grand division of the west, 1378—1449; Tuscany divided into numerous republic provinces, Florence, Pisa, Lucca, &c. In Lombardy, the Visconti, dukes of Milan, 1395; counts of Piedmont, 1382; dukes of Savoy, 1419; the Este at Ferrara (another branch at Modena and Reggio), 1452; the Carraras at Padua, 1337—1405; the Gonzagues, marquises of Mantua, 1433, &c. &c.

Power of the Medici family, 1430, &c. usurpation of the duchy of Milan by Sforza, 1450; the long wars of the French kings (representing the house of Visconti) in Italy, 1450—1540; new invasion, 1629—1689; treaty of Aix-la-Chapelle resolved that Naples shall be an independent kingdom; Lombardy, Austria, and Tuscany, governed by a prince of this house.

Conquest by the French, 1796—1800; Cisalpine republic, 1801; afterwards called the Italian republic, then kingdom of Italy, 1805 (Milan the capital): this state was succeeded by the Lombardo-Venetian kingdom, which comprises part of the same country. Naples has only changed its sovereigns; the states of the Church, which had been divided between the kingdom of Italy and the French empire, were re-established on their ancient footing in 1815. See NAPLES; SARDINIA; CHURCH, STATES OF, &c.

ITHACA, island of, Mediterranean, celebrated as the island of Ulysses, and some of the places mentioned by Homer can still be traced here. United to the republic of the Ionian islands in 1817.

ITURBIDE, emperor of Mexico, expelled, but returned, when he was tried, condemned, and shot, Oct. 19, 1824.

IVES, JOHN, English antiquarian and writer, died 1776.

J.

JACATRA, district island of Java, subject to the Dutch, who obtained it by conquest in 1619.

JACOB stole the blessing from Esau, A.C. 1776; went into Egypt A.C. 1723; died A.C. 1689, aged 147.

JACOB, EDWARD, English antiquary and naturalist, died 1788.

JACOB, GILES, English law writer, particularly of the "Law Dictionary," born 1686, died 1744.

JACQUEMONT, M. VICTOR, a celebrated French naturalist, died Dec. 7, 1833.

JAFFA, the ancient Joppa, town of Palestine, was the only seaport possessed by the Jews, and hence became the seat of an extensive trade; it is frequently mentioned in scripture. In 1799 this town was taken by Napoleon Buonaparte, and here a massacre of prisoners is said to have taken place; but all posthumous histories of that extraordinary person contradict the narration.

JAFFNA, a town of Ceylon. The Dutch took it from the Portuguese in 1658, but it fell into the hands of the British in 1795, with whom it still remains.

JAGO, ST., a Spanish register ship, taken May 1793, valued at £1,500,000.

JAMAICA, island of, West Indies, was discovered by Columbus in 1494; and in 1503 he was wrecked upon its coast. In 1509 it was colonized by the Spaniards; but in 1555 these intruders abandoned every place in the island except St. Jago de la Vega. Diego, the son of Columbus, appointed Esquivel, a Castilian, his deputy, and this nobleman founded Sevilla Nueva, near to the spot where Columbus suffered shipwreck.

1596. Jamaica was invaded and pillaged by the English, under Sir Anthony Shirley; and again, in 1636, by Colonel Jackson. In 1655 Penn and Venables, who had been dispatched by Oliver Cromwell to take Hispaniola, possessed themselves of Jamaica, which was soon taken, and settled by 3000 disbanded soldiers of Cromwell's army, followed by 1500 royalists.

The Maroons (the slaves of the first Spanish settlers), who fled to the mountains upon the above invasion, after having suffered very severely, obtained favourable terms, and a grant of land in 1738, which had the effect of pacifying them until the year 1795, when their temerity subjected them to a repetition of the chastisement they had before experienced. Blood-hounds were employed in discovering their haunts in the mountains, and a war of extermination was pursued. A mere remnant, which surrendered at discretion, was spared, and 600 were transported to Nova Scotia.

For several years the peace of the island

was undisturbed, and the efforts for the extension of religion were considerable. The Baptist mission commenced its labours in 1815, and has ever since been very successful. The bishopric of Jamaica was established in 1824. The see extends over the Bahamas and Honduras. There are 21 rectors, and altogether of clergymen of the established church 57.

1826. The local Slave Act, designed as a counteraction to missionary exertion, was first passed in the house of assembly, and afterwards several times disallowed by the British government. This act prohibited meetings for worship between sunrise and sunset.

1832. In consequence of this and other oppressive acts, a most unfavourable sensation was excited among the negroes, which, this year, broke out into open rebellion. Under the pretence of counteracting these evils, a society was formed, called the Colonial Church Union, the object of which was the overthrow of the whole system of missionary labour.

1833. Mr. Knibb, one of the Baptist missionaries from Jamaica, visited England, to lay the wrongs of the negro before the British public and government. The result was, that an act was passed for the abolition of slavery in the colonies, and the substitution of the apprenticeship system. By the provisions of the bill the non-prædial apprentices would have received their complete emancipation on August 1, 1838, and the prædial labourers on Aug. 1, 1840. Subsequently, a bill was brought forward in the legislative assembly of Jamaica by the planters, in June, giving perfect liberation to all the apprentices on Aug. 1, 1838; and this example was followed by most of the other colonies.

JAMES'S, ST., built 1530, converted to a palace, and a park made, 1536. One of the wings destroyed by fire 1809. Repaired in 1821 and 1823.

JAMES, ST., THE LESS, bishop of Jerusalem, martyred 62.

JAMES, DR. ROBERT, inventor of the fever-powder, born 1703, died Feb. 28, 1776.

JAMES I. of England, born at Edinburgh, June 19, 1566, crowned king of Scotland, July 22, 1567. Succeeded to the crown of England, March 24, 1603. First styled king of Great Britain, 1604. Died of an ague, March 27, 1625. Was buried at Westminster.

JAMES II. of England, born Oct. 14, 1633. Succeeded to the throne Feb. 6, 1685. Crowned April 23, 1685. Abdicated the throne of England 1688, but survived till Sept. 16, 1701, when he died at Paris.

JAMIESON, JOHN, D.D., F.R.S., &c., was for a considerable time, minister of a congregation of seceders at Forfar, Scotland; but for the last 43 years of his life he officiated at Edinburgh. His great work is, "Etymological Dictionary of the Scottish Language," 2 vols. 4to. 1808-9; and a "Supplement to the Etymological Dictionary," 2 vols. 4to., 1825. He died at Edinburgh July 12, 1838, aged 80.

JANEIRO, RIO DE, important city of Brazil, was founded by the Portuguese in 1565, and, in 1763, was made the capital. In 1808, in consequence of the occupation of Portugal by the French, King John VI. abandoned his throne, and took up his residence at this city. It continued to be the abode of the Portuguese court until 1821, and in 1822 became the capital of the independent empire of Brazil. On April 7, 1831, it was the theatre of a revolution, in consequence of which Don Pedro abdicated the throne in favour of his son, Pedro II. See **BRAZIL**.

JANISSARIES, an order of infantry in the Turkish armies. The name was first given by Amurath I. in 1361. They were, for some years, the terror of the natives, and sometimes of the sultans themselves, whom they, by their insurrections and rebellions, occasionally dethroned and murdered. They were exterminated, and the order abolished by the late sultan Mahmoud, June, 1826.

JANSENISTS, a sect of Roman Catholics in France, who followed the opinions of Jansen, bishop of Ypres, in relation to grace and predestination, commenced in 1638, when his executors published his book, entitled Augustinus. In 1642 the jesuits obtained of Pope Urban VIII. a condemnation of the treatise. Bulls were issued against the Jansenists in 1652, 1653, and 1656. At length Clement XI. put an end to the dispute by his constitution of July 17, 1705.

JANUS, TEMPLE OF, at Rome, containing a statue of Janus five feet high, with brazen gates on each side, which were always kept open in time of war, and shut in time of peace. First shut in the reign of Numa, who instituted this

ceremony. The last time of its being shut was under Gordian, about A. U. C. 994.

JAPAN, empire of, consists of three great islands, Nippon, Kiusiu, and Sikokf, surrounded by a multitude of smaller isles. The sacred era of the Japanese goes back to the establishment of the hereditary succession of the dairis, or ecclesiastical emperors, A. C. 660. This dynasty continued until A. D. 1585, when a military chief (Kubo) deprived the dairi of the last semblance of political power. From the year 1549 the Jesuit missionaries had laboured to promulgate their faith; but in 1590, by order of the emperor, all the christians of the empire, 20,000 in number, were inhumanly massacred. Little is known of the internal state or subsequent history of Japan.

JASSY, city, Moldavia, was taken by the Russians in 1739 and 1769, but on both occasions restored to the Turks at the conclusion of peace. In 1788 it fell into the power of the Austrians, and Jan. 9, 1792, the peace between Russia and Turkey was signed here.

JAVA, island, East Indies, was first visited by the Portuguese in 1511. Until 1612 they chiefly traded with the kingdom of Bantam, but, removing to Jocatra, they quarrelled with the prince of that country, put the inhabitants to the sword, and built Batavia in 1619. In 1629-30 they defeated a powerful army, sent against them by the sultan of Mataram. In 1636 Anthony Van Diemen (after whom Van Diemen's land was named) was governor-general of the Dutch Indies. Until 1675 their transactions were purely mercantile. In 1722 a conspiracy was formed for the massacre of all the christians in the island, headed by Peter Erberfield, a Westphalian; but being discovered, the conspirators were put to death. In 1740 upwards of 10,000 Chinese were butchered in the streets of Batavia. In 1810 the Dutch advanced to Yugyacarta, deposed the sultan of Java, and placed his eldest son upon the throne. In 1811 the British took possession of Java, the Dutch colonies having fallen under the dominion of France. In 1813 a liberal policy was adopted by the government; but in 1816 Java was restored to the Dutch

1826. The Javanese were in almost a general state of insurrection, particularly in the southern and middle districts of the island. The insurgents under Djupo

Magoro, a man of some enterprise and talent, completely defeated the Dutch in the autumn. An expedition was fitted out in the end of the year, from Java, where the power of the insurgents was most alarming, but it was dispersed by a violent storm.

1827. In the beginning of the year, several vessels were despatched from Holland with troops; Magoro entered into negotiations with the Dutch authorities, and the military operations were suspended.

JEAUNIN, P., a French statesman, born 1540, died 1622.

JEBB, DR., bishop of Limerick, a divinity writer, died 1834.

JEFFRIES, GEORGE, the inhuman lord chief-justice in the reign of James II., sent to the Tower by the lord mayor of London, December 12, 1688, where he destroyed himself, from the united effects of terror and drunkenness, April 18, 1689.

JEFFERSON, THOMAS, author of "Notes on Virginia," and president of America, born 1743, died 1826.

JEFFERY, ROBERT, put on the desolate island of Samburo, Dec. 13, 1807, by Capt. W. Lake, who was tried for cruelty by a court martial, and dismissed his majesty's service, Feb. 1810.

JEKYLL, SIR JOSEPH, an English lawyer, born 1663, died 1738.

JENA, a town of the duchy of Saxe Weimer; its university, founded by Charles V. in 1558, in 1829 contained 600 students. Remarkable as having been the scene of a general engagement, fought between the French and Prussian armies October 14, 1800, in which the former, commanded by Napoleon Buonaparte, were completely victorious, and the latter suffered prodigious loss.

JENGHIZ KHAN. See **GENGHIS KHAN**.

JENITE, a new mineral, discovered in the island of Elba, 1808.

JENKINS, SIR LEOLINE, an English civilian, born 1623, died 1685.

JENNER, DR., the institutor of vaccine inoculation, born 1749, died 1823.

JENYNS, SOAME, author of the "Internal Evidence of the Christian Religion," died 1781.

JEPHSON, ROBERT, a dramatic writer, born 1736, died 1803.

JEREMIAH began to prophesy A.C. 629; foretold the Jewish captivity 607, and died 577.

JERICHO, a town of Palestine, now called by the Arabs Herubi, and containing only a few wretched huts, was formerly a considerable city, famous, especially in Solomon's reign, for its balsam gardens. It was considered the key of Palestine, was plundered by Vespasian, about A.D. 70; restored by Adrian, about 133; but ruined by the Moslems in the 12th century.

JERNINGHAM, EDWARD, a poet, born 1727, died 1806.

JEROME, one of the most learned of the Latin fathers, born about 340. He settled in a desert of Syria, where he entered upon a strict monastic life, in the 31st year of his age. He died Sept. 30, 420.

JEROME OF PRAGUE embraced the opinions of John Huss, and began to propagate them in 1400. In consequence of this he was delivered to the secular arm, and brought to the stake in 1416.

JERSEY, an island in the English Channel. When the Normans invaded France, in the ninth century, they ravaged this island. After the French had rescued Normandy from the English under John, many attempts were made by them to recover Jersey: the most remarkable was in 1781, when a detachment under baron de Rullecourt made a descent, and were for a time successful; but were ultimately repelled.

JERUSALEM, the capital of Judea, now included in the Turkish pachalic of Damascus. It was taken from the Jebusites by King David, A.C. 1048; who made it the capital of his kingdom; captured by Hazael, king of Syria, in the days of Joash; Nebuchadnezzar destroyed it, A.C. 587, and led the inhabitants into captivity. Seventy years after it was rebuilt, by permission of Cyrus, and continued to be the capital of Judea until the reign of Vespasian the Roman emperor, by whose son Titus it was totally destroyed A.D. 70.

It was rebuilt by Adrian 130. The emperors remained masters of Jerusalem till the reign of the caliph Omar, who reduced it under his dominion 637.

In 1099 the crusaders wrested the occupancy from the Saracens, and founded a kingdom, over which they placed Godfrey of Bouillon. This christian kingdom continued for 88 years, under nine kings, when it was taken by Sultan Saladin in 1187. In 1217 the Turks expelled the Saracens, and have retained the possession to the present time.



Joan of Arc taken Prisoner.

Joan of Arc's interview with the Governor of Vaucouleurs.

Joan marches with a convoy to Orleans.

Charles enters Reims.

Joan wounded in the attack of St. Honoré.

JESUITS, a celebrated religious order, founded by Ignatius Loyola, an officer in the Spanish army, in 1540. When their order was confirmed by the bull of Paul III., they only amounted to 10. In 1543 they were not more than 24; in 1545 they had only 10 houses: but in 1549 they had two provinces, and 22 houses; and at the death of Ignatius in 1556 they had 12 large provinces. In 1608 they had 29 provinces, and two vice-provinces; in 1629, 35 provinces, two vice-provinces, 33 houses of profession, 578 colleges, 48 houses of probation, 88 seminaries, 160 residences, 106 missions, and in all 17,655 Jesuits, of whom 7870 were priests.

The emperor Charles V. saw it expedient to check their progress in his dominions: they were expelled England, by proclamation of James I., in 1604; Venice, in 1606; Portugal, in 1759; France in 1764; Spain and Sicily, in 1767; and suppressed and abolished by Pope Clement XIV. in 1773. About 1816 this order was attempted to be revived by the influence of the holy see. This measure excited some alarm in the minds of the friends to civil and religious liberty, but the order was nevertheless partially restored at Rome and other states. All monks of the order were banished from St. Petersburg, Jan. 2, 1816.

1829. A clause was introduced into the Catholic Relief Bill, which required that all Jesuits, or other persons belonging to religious orders, already within the United Kingdom, should register themselves, and that no others should be admitted into the kingdom, after the passing of the bill, except by special licence from the secretary of state, with power to revoke such licence; and if such foreign Jesuit or other person did not depart within 20 days after the licence had been revoked, he should be banished for life from the United Kingdom.

JESUITS' BARK, introduced into France 1650; in general use 1680.

JESUS CHRIST, order of knighthood, began in France, 1206; in Rome 1320.

JEWEL, JOHN, a British prelate, distinguished by his learning and piety, was born in 1522. In 1544 he was admitted to the degree of master of arts, and upon the accession of Edward VI., in 1546, he openly avowed himself a

protestant. In 1550 he took the degree of bachelor of divinity, and frequently preached before the university with great applause. Upon the accession of Queen Mary to the crown in 1553, he was expelled from college by the fellows, and retired to Frankfort. He returned to England in 1558 after Queen Mary's death; and in the following year was consecrated bishop of Salisbury. He died at Monkton Farley, in 1571, aged 50.

JEWELS first worn in England in 1434. The royal jewels of England pawned by Charles I. to Holland, and redeemed by the sale of iron ordnance, 1629; those of France were seized by the national convention 1794.

JEWS. For an account of their early history, see **BIBLE**. Their first arrival in England was about 1079. All the Jews in England were apprehended in one day, their goods and chattels confiscated to the king, and they, to the number of 15,000, banished the realm, having only sustenance money allowed, 1286. They were restored by Oliver Cromwell; an act passed, that no Jew should enjoy a freehold, 1296; they were driven out of Spain, to the number of 150,000, 1492; retired to Africa, Portugal, and France. There was not a Jew in this island from 1610 to 1624. Naturalization act passed 1753; repealed the following year. Bill to remove the civil disabilities affecting the Jews passed the commons August 15, 1836, but was abandoned in the lords.

1840. A most cruel persecution of the Jews at Damascus, supposed to be at the instigation of the French consul there. The pacha of Damascus under his influence, imprisoned and tortured a great number of them.

JOAN OF ARC condemned for witchcraft, and burnt at Orleans, May 30, 1431, aged 24. See **ENGLAND**.

JOANNINA, capital of Albania, was founded in the 15th century, but is principally remarkable during the 19th century as the capital of Ali Pacha, a very powerful Turkish chief who shook off his allegiance to the Porte, but was ultimately subdued. It is now included in the boundaries of the new kingdom of Greece. See **ALBANIA**.

JOB died A.C. 1553, aged 189.

JODRELL, RICHARD PAUL, dramatic writer, deputy lieutenant and justice of the peace for the counties of Oxford, Derby, Norfolk, and Middlesex,

was born Nov. 13, 1745. Elected a fellow of the Royal Society in 1772, and of the Society of Antiquaries in 1784. He died Jan. 26, 1831, aged 85.

JOEL prophesied 800 years before Christ.

JOHN, king of England, born at Oxford, Dec. 24, 1166, was crowned May 27, 1199. Died at Newark, Oct. 19, 1216. Was buried at Worcester, where his corpse was discovered nearly entire in 1797, having been buried 580 years.

JOHN OF GAUNT, fourth son of Edward III. was born 1339. Created duke of Lancaster 1362. Appointed regent to Richard II. 1377. Supported Wickliffe against his opposers 1378. He had his palace at the Savoy destroyed by Wat Tyler's mob 1381. Ravaged Scotland to the gates of Edinburgh 1384. Assumed the title of king of Castile and Leon, having married the daughter of Peter the Cruel, 1385. Died Feb. 1399.

JOHN, St., the Baptist, was beheaded about 32.

JOHN, St., the Evangelist, composed his Gospel, about the year 96, and died at Ephesus, in the reign of Trajan, in 100.

JOHNES, THOMAS, translator of "Froissart and Monstrelet," died April 24, 1816.

JOHNSON, DR. SAMUEL, one of the most celebrated English writers, was born at Lichfield, in Staffordshire, Sept. 18, 1709. When in his 19th year, he was entered a commoner of Pembroke college, Oxford. In 1731 he was obliged by poverty to leave the university without a degree. In March, 1732, he became under master of a free school at Market Bosworth, in Leicestershire; but he relinquished it in a few months. In 1735 he opened an academy, and one of his pupils was the celebrated David Garrick. He set out, in 1737, accompanied by Garrick, to try his fortune in the metropolis. The literary piece which brought him into public notice, was entitled "London," a poem, written in imitation of "Juvenal's Third Satire."

His arduous and important work, the Dictionary of the English Language, employed him nearly seven years, and was completed in 1754. During the period of its publication, he began and finished "The Rambler," a periodical paper, published twice a week, from

March 20, 1750, to March 14, 1752. In 1758 he began "The Idler," published every Saturday in a weekly newspaper, called "The Universal Chronicle, or Weekly Gazette." Hitherto Johnson had not possessed any certain income, but having been represented to the king as a very learned and good man, his majesty granted him a pension of £300 per annum. In 1755 the University of Oxford conferred upon him the degree of Doctor of Civil Laws. In 1779 Johnson undertook his literary work, "The Lives of the Poets." He died Dec. 13, 1785, in his 75th year.

JOHNSTON, COCHRANE, convicted of a conspiracy to raise the public funds, was expelled the house of commons, July 5, 1814.

JOHNSTON, FRANCIS, an eminent Irish architect, built at his own expense, and was the first president of, the Royal Hibernian Academy; died 1826.

JOINERS' COMPANY, London, incorporated 1564.

JOINVILLE, JEAN DE, author of the "History of Louis IX.," died 1318.

JONES, CAPT. GEORGE MATTHEW, R. N., author of "Travels in Russia, and the North-eastern Countries of Europe," received his first commission in 1802, died at Malta, May, 1831.

JONES, INIGO, an eminent English architect, was born in London in 1572. He died at Somerset House, July 21, 1651. Among his works are, the Banqueting House, Whitehall, began 1619; the new buildings fronting the gardens, at Somerset House; the Queen's house, at Greenwich, and the elegant portico of the Physic Garden, Oxford.

JONES, SIR WILLIAM, the celebrated orientalist, born in London, 1746. He determined to devote himself to the study and practice of the law; and with this view he was admitted into the Temple, Sept. 19, 1770. He was chosen one of the judges in the British territories of India, in March, 1783, and on this occasion the honour of knighthood was conferred upon him. The publication of the Asiatic Researches occupied much of his attention, from 1785 to 1788. He died April 27, 1794. After his death, his lady published his whole finished works in six quarto volumes, in 1799.

JONES, REV. WILLIAM, of Nayland, a writer on divinity and natural history, died Jan. 6, 1800.

JONES, JOHN GALE, president of a

debating society, called "The British Forum," committed to Newgate by the house of commons, for a breach of its privileges, Feb. 21, 1810.

JONSON, BEN, a dramatic poet, born at Westminster, in 1574. The first piece which he printed was, "Every Man in his Humour," acted in 1598, with great success. In 1609 he produced his "Epicen, or Silent Women," which is considered the most perfect of his comedies. His "Alchemist," published in the following year, gained him such reputation, that in 1619 he was appointed poet laureate. The "Tale of a Tub" was his last comedy that was submitted to the public. He died in Aug., 1637, aged 63, and was buried in Westminster Abbey.

JORDAN, MRS., English actress, died at St. Cloud, July 5, 1816.

JORTIN, DR. JOHN, theological writer, born 1701, died 1790.

JOSEPH, sold to the Egyptians, A.C. 1728; made governor of Egypt, 1715; died in Egypt, 1685, aged 110.

JOSEPHINE, the repudiated wife of Napoleon, died at Paris, May 30, 1814.

JOSEPHUS, FLAVIUS, author of the Jewish Antiquities, born 37, died 93.

JOUDPOOR, in the province of Ajmere, Hindoostan. The rajah was one of Aurungzebe's best generals in 1678. In 1806 Scindia, Holkar, and Ameer Khan, harassed the country till 1818, when engagements entered into with the British, stopped further effusion of blood.

1839. Disputes again arose, and the British interposed. The fortress of Joudpoor was taken by the British, Sept. 28, it having been supposed that the nuwaub, or chief of the territory of Kur-noul, was hostile to the British rule in India.

JOURDON, JEAN BAPTISTE, one of Napoleon's marshals, born at Limoges, April 29, 1762. In 1806 he governed Naples under Joseph Buonaparte; and in 1808 he accompanied him into Spain. He died Nov. 23, 1833, so poor that after holding his rank of marshal for 30 years, and filling some of the most important offices, he left scarcely 15,000 francs in the funds.

JOURNAL DES SÇAVANS, the first literary periodical published in Europe, 1660.

JUAN FERNANDEZ, island, South Pacific Ocean, takes its name from its first visitor, who introduced goats here,

and formed a settlement. After his decease it was abandoned until 1750, when the Spaniards again settled here. This was the solitary residence of Alexander Selkirk, the original of De Foe's "Robinson Crusoe."

JUANES, JUAN BATTISTA, the Spanish Raffaello, born 1523, died 1579.

JUGGERNAUTH (the lord of the world,) celebrated place of Hindoo worship, in Orissa. The temple was completed in 1198. The British succeeded to the Mahratta sovereign's rights upon the conquest of Cuttack, and took possession of the temple Sept. 18, 1803. About 70,000 pilgrims annually visit this shrine.

JULIAN, the Roman emperor, called the Apostate, was saluted emperor, 360; abjured christianity, 361; endeavoured in vain to rebuild the temple of Jerusalem; was mortally wounded, near Ctesiphon, and died June 26, 363.

JULIAN PERIOD. See ERA, page 454.

JULIAN, PIERRE, a French sculptor, author of the "Dying Gladiator," born 1731, died 1804.

JULIERS, duchy, Prussia, formerly belonged to the reigning princes of Cleves. On the extinction of that family in 1609, the succession was disputed; but in 1648 it was allotted to the palatinate of Neuburg, and continued in the elector palatine's family to the peace of Luneville, when it was ceded to France. It was annexed to Prussia, in 1815, by the congress of Vienna.

JULIUS CÆSAR, born A.C. 100; divided the republic with Pompey and Crassus, 60; attacked the Helvetii, 58; defeated the Germans, and made his first expedition into Britain, 55; made a second expedition to Britain, 54; civil war between him and Pompey, 50; defeated Ptolemy, who was drowned, 46; Julius Cæsar was killed in the senate house by Brutus, 44. See BRUTUS.

JUNKCEYLON, Siamese empire. The French attempted to establish a settlement here in 1688, but the district with little interruption, has always belonged to Siam. The Malays seized this territory after 1785, and offered it to the British, but the Siamese recovered possession in 1810.

JUNO, the planet, discovered Sept. 1, 1804.

JURIEU, PETER, French divine, born 1627, died 1677.

JURIN, DR. JAMES, physician and mathematician, born 1684, died 1750.

JURY, trial by, traces of it have been found for many ages among the northern nations. Reginer, a Dane, ordered 12 to be impannelled, 820. It was first established in England by Ethelred, 979; the plaintiff and defendant, in those times, used to feed them, whence the common-law of denying sustenance to a jury after hearing evidence. Regulated by various statutes in the reign of George II. and George III.

In Scotland, trial by jury in civil cases passed into a law, 1815.

JUSSIEU, ANT., physician and botanist, born 1686, died 1758.

JUSTICES OF THE PEACE first appointed 1079. Itinerant justices appointed 1176.

JUSTICIARY COURT OF SCOTLAND, established 1672.

JUSTIN, the Roman historian, lived in the 2d century of the Christian era.

JUVENAL, the Roman satirist, born 45, died 127.

K.

KÆMPFER, ENGLEBERT, a physician and traveller, born in Westphalia, 1651, died 1716.

KAIMES, LORD, author of "Elements of Criticism," born 1696, died 1770.

KALEIDOSCOPE, an optical instrument invented by Dr. Brewster, in 1814, for the purpose of exhibiting a beautiful variety of symmetrical forms.

KALISCH, European Russia, was in 1835 the scene of a splendid review, held by the emperor of Russia in person, at which the king of Prussia and many of the chief nobility of Europe were present.

KALMUCS. See **CALMUCS**.

KAMTSCHATKA, peninsula, Asia, belonging to Russia. In 1690 the Russians had some knowledge of this country. In 1696 they sent thither a detachment of Cossacks, under Moroskoo; and in the following year, part of the country was rendered tributary; but it was not until 1706 that all Kamtschatka was surveyed and occupied by the Russians.

KANGAROO ISLAND, South Pacific Ocean, discovered by Captain Flinders about 1800, who named it from the number of kangaroos found there. It is included in the newly-established settlement of the South Australian Company. See **AUSTRALIA, SOUTH**.

KANT, IMMANUEL, a metaphysical systematizer, born in Prussia 1724, died 1805.

KATER, CAPTAIN HENRY, distinguished for his scientific discoveries, was born at Bristol, April 16, 1777.

His trigonometrical operations, his experiments for determining the length of a pendulum beating seconds, and his labours for constructing standards of weights and measures, are well known. Most of the learned societies in Great Britain and on the Continent testified their sense of the value of Captain Kater's services, by enrolling him amongst their members. He died April 26, 1835, aged 58.

KEAN, EDMUND, the most accomplished actor of the present century, was born November 4, 1787, in Castle-street, Leicester-square. After acting at several provincial theatres, he came out at Drury Lane January 26, 1814, in Shylock; his triumph was complete, and the committee presented him with 50 guineas. During his first season he used to play Othello and Iago alternately. The receipts of his benefit amounted to £1150. From this period till within a few weeks of his death, he continued to perform in London and the chief towns of the United Kingdom, with extraordinary success. He died May 15, 1833, aged 45.

KEATS, JOHN, juvenile poet, died 1816.

KEBLE, JOSEPH, English law author, died 1710.

KEHL, town, grand duchy Baden. In 1697 it was ceded to the margrave of Baden. In the middle of the 18th century it was demolished, but during the revolutionary war was rebuilt; sustained several sieges; was alternately in French and German hands, and was three times burnt down. In 1814 it was restored to

Baden, and in 1815 the works were again demolished.

KEILL, JOHN, the astronomer, born 1671, died 1721.

KELLY, HUGH, dramatic author, born 1739, died 1777.

KELLY, MICHAEL, author of "Reminiscences," died 1826.

KELLY, MISS, shot at while acting at Drury-lane, by George Barnett, Feb. 17, 1816; he was tried and acquitted, as insane, April 8, 1816.

KEMBLE, JOHN PHILIP, the celebrated actor, was born in 1757, at Prescott, in Lancashire. He received the first part of his education at the university of Douay, where he soon became distinguished for that talent for elocution which afterwards raised him to such eminence. He returned to England, and performed at Liverpool, York, Edinburgh, and Dublin. He made his first appearance in London, at Drury-lane Theatre, in the character of Hamlet, September 30, 1783. His reception was most encouraging; but he had not an opportunity of fully developing his powers till the retirement of Mr. Smith in 1788. On the secession of Mr. King, Mr. Kemble became manager of Drury-lane Theatre, which office he filled till 1796. Shortly afterwards he resumed the management, and held it till the conclusion of the season 1801. In 1802 Mr. Kemble visited the Continent for the purpose of introducing to the British stage whatever he might find worthy of adoption in foreign theatres. On his return he purchased a sixth part of the property of Covent Garden patent, and became manager, which situation he filled till a season or two before his retirement. He died February 26, 1823, aged 66.

KEMPIS, THOMAS A', a pious and learned divine of the Romish church, author of the "Imitation of Jesus Christ," was born at Kempen, in the diocese of Cologne, Prussia, in 1380. In 1399 he entered the monastery of the regular canons of Mount St. Agnes, near Swol. He died July 25, 1471.

KEN, THOMAS, bishop, author of "Devotional Poetry," born 1637, died 1710.

KENILWORTH, Warwickshire, remarkable for its castle, near to the town, founded by Geoffrey de Clinton, chamberlain and treasurer of Henry I.; a fortress was afterwards added to the original building by John of Gaunt,

whose son, Henry IV., coming to the throne, the castle was vested in the crown. Queen Elizabeth gave it to Robert Dudley, earl of Leicester, who, in July, 1575, celebrated a festival here in honour of his mistress, which is described by Sir Walter Scott in his romance of Kenilworth. The castle was demolished during the civil wars; the site belongs to the earl of Clarendon.

KENNICOTT, DR. BENJAMIN, English divine and oriental scholar, well known for his elaborate edition of the Hebrew Bible, was born at Totness, in Devonshire, in 1718. During the progress of his great work he was appointed keeper of the Radcliffe Library, Oxford; admitted to the degree of doctor of divinity; presented to a living in Cornwall; and rewarded by a canonry of Christchurch, Oxford. In 1776 the first volume of his Hebrew Bible was published, and in 1780 the whole was completed. He died at Oxford, September 18, 1783.

KENRICK, DR. WILLIAM, dramatic writer, &c., died June 9, 1777.

KENSINGTON, Middlesex, chiefly remarkable for its palace. It was the seat of Sir Heneage Finch, afterwards lord chancellor, whose son sold it to William III. in 1691; it then became a favourite royal residence, and continued so until the death of George II., who died there. It was the principal residence of our present sovereign till her accession to the throne. Kensington Gardens were enlarged by Queen Anne, and much more extensively by Caroline, queen of George II.

KENT, COUNTY OF. Julius Cæsar landed on the east coast, when he first invaded Britain, A.C. 54. In this county, the Saxons under Hengist and Horsa, obtained their earliest settlements in the island. Hengist assumed the title of king of Kent about A.D. 455. William of Normandy established the Cinque Ports, and conferred other advantages on the county.

KENT, EAST INDIAMAN, burned in the Bay of Biscay, and 85 lives lost, March 13, 1825.

KENT, DUKE OF, brother of George IV., and father of our present queen, born 1767, died January 23, 1820.

KENYON, LORD, a learned judge, born 1733, died 1802.

KEPLER, JOHN, an eminent astronomer, born at Weil in Wirtemberg in 1571. He studied at the university of

Tubingen, where he obtained the degree of bachelor in the year 1588, and that of master of philosophy in 1591. In 1594 he filled the mathematical chair in the university of Gratz. On the death Tycho Brahé in 1601, Kepler was employed to complete the Rodolphine Tables, which that great man had begun. These were published in 1627. He died November 1630, in the 59th year of his age.

KETTERING, Northamptonshire, destroyed by a fire, 1767.

KEYSLER, J. G., a German antiquarian, died 1630.

KIEL, a city in Denmark, contains a university called Christiana Albertina, founded in 1665. The treaty of Kiel between Great Britain, Sweden, and Denmark, took place January 14, 1815, when Norway was ceded to Sweden.

KIESEWETTER, C. G., the celebrated violinist, was born at Anspach, and first introduced to a British audience in the winter of 1821, at the Philharmonic Concert. He was the first who introduced the compositions of the celebrated Mayabeer into this country. He died October 28, 1827, aged 50.

KILLALA, a town in Ireland, province of Connaught. A body of French under General Humbert effected a landing here in the year 1798, and joined the rebel army at that time wasting the kingdom.

KILLARNEY steamer was wrecked off Cork harbour, when 29 persons perished January 26, 1738.

KILLMORE, a village in Ireland. St. Columb built an abbey here in the 6th century; and St. Ferdinand converted the abbey into a bishopric in the 13th. This latter saint removed the see, for a time, to Tiburna, where it continued until 1454, when Bishop Macbready restored the primitive church, and called it Killmore. The see was united to the see of Elphin, in conformity with an act of parliament passed in 1834.

KILMARNOCK, LORD, and Lord Balmerino, beheaded Aug. 18, 1746. See **BALMERINO**.

KILWARDEN, LORD, murdered by the rebels in Dublin, July 23, 1803.

KIMCHI, DAVID, a learned Jewish rabbi, died 1240.

KING, archbishop of Dublin, born 1650, died 1729.

KING OF ENGLAND, the title of,

first used 829; of Ireland added 1542; of Great Britain 1603.

KING OF FRANCE, the title of, assumed by the king of England, and his arms quartered with those of England with the motto "Dieu et mon droit," first used, Feb. 21, 1340; relinquished Jan. 1, 1801.

KING OF THE FRENCH began 1791; abolished 1792; restored August 9, 1830.

KING, CAPT., the companion of Captain Cook, died Nov. 1784.

KING, EDWARD, the subject of Milton's "Lycidas," drowned 1637.

KING, HENRY, a bishop and theologian, born 1591, died 1669.

KING, JOHN GLEN, an English topographer, died 1787, aged 55.

KING, PETER, LORD, the biographer of Locke, born August 31, 1775, died June 4, 1833.

KING, PETER, lord chancellor, born 1669, died 1733.

KING'S BENCH PRISON, St. George's Fields, Southwark, built 1751; enlarged 1776; burnt by rioters, June 7, 1780; rebuilt 1781; 100 apartments burnt July 13, 1799.

KING'S COLLEGE, Cambridge, founded 1541.

KING'S COLLEGE, London. At a meeting of the subscribers and donors held at the Freemasons' Tavern, May 16, 1829, Lord Bexley announced that the government had given the ground originally intended for the east wing of Somerset House, for the purposes of the institution, free of expense for 1000 years, on condition that the new erection corresponded with the rest of the edifice. The building was completed in 1831, and the institution opened the same year; about 400 pupils had been admitted, to whom lectures were daily given on various subjects. The façade consists of a central building, forming the front of the vestibule and grand staircase. It is decorated with four columns of the Corinthian order, in antis, upon a basement of piers, supporting arches, which run along the whole length of the building. The whole is surmounted by a balustrading above its entablature.

KING'S COLLEGE, Aberdeen, was founded in 1500.

KING'S COLLEGE, in Nova Scotia, founded 1798; charter granted May 12, 1802.

KING'S-EVIL, first touched for the

ure of Edward the Confessor, 1058 ; discontinued by George I.

KINGSTON, Jamaica, founded in 1693, after the destruction of Port Royal in the preceding year by an earthquake, and was constituted a city in 1703.

KINGSTON-UPON-THAMES, in Surrey, under the Anglo-Saxons was a place of importance and a royal residence, and several monarchs were crowned here ; whence its present appellation. A council was held at Kingston by Egbert in 838.

KINSALE, a borough town of Ireland, in the province of Munster. It was anciently a place of great importance, was inclosed with walls and regularly fortified. Edward III. granted the town a charter of incorporation, which was renewed, confirmed, and enlarged by Edward IV. In 1600 the Spaniards made a successful landing at this place. In 1649 the town surrendered to Cromwell. In the reign of Charles II., the fort commanding the harbour was built, and called Charles Fort. James II. landed at this port from France. In 1690 the earl of Marlborough compelled the town to surrender.

KIPPIS, DR. ANDREW, an eminent nonconformist divine, was born at Nottingham, March, 1725. He received the degree of doctor of divinity from the university of Edinburgh, in 1767 ; in 1778 he was made a member of the Antiquarian, and in 1779 a fellow of the Royal Society. He died Oct. 5, 1795, aged 71. His works are numerous and valuable ; the principal one is the "Biographia Britannica," which he did not live to finish.

KIRBY, WILLIAM, mathematician, died 1771.

KIRCH, CHRIS. FREDERICK, Prussian astronomer, died 1740.

KIRCHER, a celebrated philosopher and mathematician, born at Fulda in 1601. In 1618 he entered into the society of the Jesuits, and, after completing his studies, taught philosophy, mathematics, the Hebrew and Syriac languages, in the university of Witzburg, till 1631. In 1646 he published at Rome his "Ars Magna Lucis et Umbræ," containing an account of his attempts to imitate the burning mirrors of Archimedes, and a description, of the magic lantern of which he was the undoubted inventor. He died at Rome in 1680.

KIRKALDY, burgh, Scotland, shire of Fife, said to have been anciently the

seat of a society of Culdees. In 1334 it belonged to the abbot of Dunfermline, as a burgh of regality, and continued so till 1450, when it passed into the possession of the Bailies and their successors for ever. It was shortly afterwards erected into a royal burgh by a charter, which Charles I. confirmed in 1644, and made it a free port. In 1828 an accident occurred at the church of Kirkaldy, by the falling of a gallery, during the assembly of a large concourse of persons to hear an evening discourse by the Rev. Edward Irving. Between 30 and 40 persons were killed.

KIRKDALE, village, Yorkshire, remarkable for its cave discovered in 1821, in one of the calcareous hills in this parish. Its floor was strewn with diluvial loam, thickly interspersed with organic remains of bones of various animals, which were submitted to Professor Buckland, M. Cuvier, and other naturalists, and pronounced by them to be the bones of hyenas mixed with those of the elephant and rhinoceros, hippopotamus, and other animals ; several belonged to species different from any at present existing.

KIRWAN, RICHARD, mineralogist, died August, 1812.

KITCHENER, WILLIAM, M.D., author of "The Cook's Oracle," died 1827, aged 50.

KITT'S, ST. See CHRISTOPHER'S.

KLAPROTH, M. H., chemist, died at Berlin 1817.

KLEBER, French general in Egypt, born 1750, assassinated 1800.

KLEIST, CHRISTIAN EWALD VON, German poet, and an officer in the Prussian army, was born at Zebelin, in Pomerania, in 1715. After rendering himself distinguished on many occasions both for bravery and humanity, Kleist lost his life in the bloody battle of Kunnersdorf, 1749.

KLOPSTOCK, FREDERICK THEOPHILUS, a celebrated German poet, was born at Quedlinburg in 1724. He commenced the study of theology at the university of Jena in 1745. By his removal to Leipsic in 1746, he became acquainted with a number of young men who published their essays in a paper called the "Bremen Contributions." In this publication appeared the first three cantos of Klopstock's "Messiah." The publication of the ten books afterwards made him known and admired all over Germany. Baron Bernstorff invited him to

Copenhagen, where he lived till 1771, after which he resided at Hamburg in the capacity of royal Danish legate. He died at Hamburg, in March, 1803, aged 79. His odes and lyric poems are much admired by his countrymen, and his dramatic works display great dignity and force, but are better adapted for reading than for exhibition. He was an excellent prose writer, as is evinced by his "Grammatical Dialogues."

KNELLER, SIR GODFREY, an eminent painter, was born at Lubec in 1648. He received his first instructions in the school of Rembrandt, but became afterwards a disciple of Ferdinand Bol. He came to England in 1674, where he gained the favour of the duke of Monmouth. He was state-painter to Charles II., James II., William III., Queen Anne, and George I., equally esteemed and respected by them all: the emperor Leopold made him a knight of the Roman empire, and King George I. created him a baronet. His works were celebrated by the best poets in his time. He died in 1726 at Whitton, near Hampton-court.

KNIGHT, MATTHEW, cashier of the South Sea Company, absconded with £100,000, 1720. Compounded with government for £10,000, and returned to England, 1743.

KNIGHTHOOD had its origin in England in the time of the crusades. See **CRUSADES**. From these wars it followed, that new fraternities of knighthood were invented: hence, the knights of the Holy Sepulchre, the hospitalers, templars, &c. Various other orders were at length instituted by sovereign princes: the Garter, by Edward III., of England; the Golden Fleece, by Philip the Good, duke of Burgundy; and St. Michael, by Louis XI. of France, &c. In 1430 every person with £40 per annum was required to take the order of knighthood. All orders of knighthood were abolished in France by the National Assembly, July 30, 1791.

KNIGHTS-TEMPLARS. See **TEMPLARS**.

KNITTING stockings, invented in Spain, 1550.

KNOCKTOPHER, village in Ireland. In 1536 James, the second earl of Ormond, founded a priory here. Dec. 14, 1832, an officer, and a party of police, while proceeding to execute a tithe process, were attacked, near Knocktopher,

by a large assemblage of the peasantry and the officer and 11 of his party were killed.

KNOLLES, RICHARD, an English historian, died 1610.

KNOX, DR. VICESSIMUS, author of "The Spirit of Despotism," &c., born 1752, died 1821.

KNOX, JOHN, well known as an eminent Scottish reformer, was born at Gifford near Haddington. Being appointed tutor to the sons of the laird of Ormiston and Langniddrie, he began about 1542 to instruct them in the principles of the protestant religion, and was so violently persecuted as to be compelled to take shelter in the castle of St. Andrew's with his pupils. The castle was afterwards besieged and taken by the French; and Knox being taken prisoner, was closely confined till the latter end of 1549, when, being set at liberty, he repaired immediately to England. In 1552 he was appointed chaplain to Edward VI. After the accession of Queen Mary, he was obliged to seek safety by flight. In 1555 receiving information that the reformation had made considerable progress, he returned to his native country. The English Calvinists at Geneva invited Knox to become their pastor. He accepted their invitation, and continued abroad till 1559. In 1561 Mary queen of Scots arrived from France, and Knox not only declaimed against her in the pulpit, but behaved to her with the most unjustifiable freedom. In 1571 he was obliged to leave Edinburgh, on account of the confusion and danger from the opposition of the earl of Lenox, then regent; but he returned the following year, and resumed his pastoral functions. He died at Edinburgh in November, 1572, and was buried in the churchyard of St. Giles's in that city.

KNUTZEN, MATTHIAS, the professed German atheist, lived in 1674.

KOLBEN, PETER, a traveller, born 1674, died 1726.

KONIGSBERG, city, Prussia. The university was founded in 1544; the town was taken by the Russians in 1758; and in June, 1807, fell into the hands of the French; but since the peace in 1814, has remained under the dominion of Prussia.

KORAN, the Mahometan scriptures, commonly called the Alcoran; but the first syllable of the word is only an

article signifying *the*. The Koran, while Mahomet lived, was only kept in loose sheets, and was not published till after his death in 631. Othman, successor of Abubeker, A.H. 30, procured a great number of copies to be taken, suppressing all the others not conformable to the original. There are seven principal editions of the Koran; two at Medina, one at Mecca, one at Cufa, one at Bassora, one in Syria, and the common or vulgate edition. The first contains 6000 verses; the second and fifth 6214; the third 6219; the fourth 6236; the sixth 6226; and the last 6225: but the number of words and letters is the same in all, viz., 77,639 words, and 323,015 letters. The Koran has been often published in Europe, in Arabic and in other languages. Maracci published it in Arabic and Latin at Padua in 1698. The English translation of Sale was printed at London in 1734; the German of Boysen at Halle in 1773; the French of Savary at Paris in 1782.

KOSCIOSCO, the patriotic Polish general, died 1798.

KOTZEBUE, AUGUSTUS VON, a German dramatist, was assassinated at Mannheim by Sandt, a Wurtzburg student, April 2, 1819.

KOULI-KHAN, THAMAS, or NADIR SHAH, a Persian conqueror, was born in the province of Khorassan. His father was chief of a branch of the tribe of Afghans. He joined a banditti of robbers, who committed great ravages.

In 1729 the Afghans having made themselves masters of Ispahan, and the Turks and Muscovites ravaging other parts of Persia, they applied to Nadir Schah for assistance, and made him general of Persia. In 1736 he fomented a revolt against his master. In 1739 he conquered the Mogul empire, making himself master of Delhi, where he acquired immense riches, and assumed the title of Emperor of the Indies; but his reign was of short duration. He was assassinated in 1747, aged 60.

KNUCKELL, JOHN, an eminent chemist, died 1702.

KURILE ISLES, occupied by the Russians 1711. The people of these islands, which are 21 in number, still pay tribute to Russia; they are principally volcanic.

KUSTER, LUDOLPH, a critic, born 1670, died 1716.

KUTCHUK KAINARJI, peace of, between Russia and Turkey. Crimea declared independent; Azoph ceded to Russia, and freedom of commerce and navigation of the Black Sea granted July 21, 1774.

KUTUSOFF, the Russian general, died June 21, 1813.

KUYP, OLD, JACOB GERRITZE, of Dort, a landscape painter, founder of the Academy of St. Luke, born 1578, died 1649.

KYRIE ELEISON, first introduced into the Litany 590.

KYRLE, J., "the benevolent man of Ross," died 1724, aged 90.

L.

LABOUR, PRICE OF. In 1352, 25 Edw. III. wages paid to hay-makers were but 1*d.* a day; a mower of meadows 5*d.* per day, or 5*d.* an acre; reapers of corn, in the first week of August, 2*d.*, in the second 3*d.* per day, and so till the end of August, without meat, drink, or other allowance, finding their own tools. For thrashing a quarter of wheat or rye 2½*d.*; a quarter of barley, beans, peas, and oats, 1¼. A master carpenter 3*d.* a day, other carpenters 2*d.* per day. A master mason 4*d.* per day, other masons 3*d.* per day, and their servants 1½*d.* per day. Tilers 3*d.*, and their knaves 1½*d.* Thatchers 3*d.* per day, their knaves 1½*d.* Plasterers and other workers of mud-walls, and their knaves, in the like manner, without meat or drink, and this

from Easter to Michaelmas; and from that time less, according to the direction of the justices.

1361. By the 34 Edw. III. chief masters of carpenters and masons 4*d.* a day, and the others 3*d.* or 2*d.* "as they are worth."

1389. 13 Richard II., the wages of a bailiff of husbandry 13*s.* 4*d.* per year, and his clothing once a year at most; the master hind 10*s.*, the carter 10*s.*, shepherd 10*s.*, oxherd 6*s.* 8*d.*, cowherd 6*s.* 8*d.*, swineherd 6*s.*, a woman labourer 6*s.*, a day ditto 6*s.*, a driver of plough 7*s.* From this time to the time of 23 of Henry VI. the price of labour was fixed by the justices by proclamation.

1445. 23 Henry VI., the wages of a bailiff of husbandry was 23*s.* 4*d.* per

annum, and clothing of the price of 5s., with meat and drink; chief hind, carter, or shepherd 20s., clothing 4s.; common servant of husbandry 15s., clothing 40*d.*; woman servant 10s., clothing 4s.; infant under 14 years 6s., clothing 3s. Free-mason or master carpenter 4*d.* per day; without meat or drink 5½*d.* Master tiler or slater, mason or mean carpenter, and other artificers concerned in building 3*d.*, per day; without meat or drink 4½*d.*; every other labourer 2*d.* a day; without meat or drink 3½*d.*, after Michaelmas to abate in proportion. In time of harvest a mower 4*d.* a day; without meat and drink 6*d.*; reaper or carter 3*d.* a day; without meat and drink 5*d.*; woman labourer, and other labourers 2*d.* a day; without meat and drink 4½*d.* per day.

1496. By the 11 Henry VII., there was a like rate of wages, only with a little advance; as, for instance, a free-mason, master carpenter, rough mason, bricklayer, master tiler, plumber, glazier, carver, joiner, was allowed from Easter to Michaelmas to take 6*d.* a day without meat and drink, or with meat and drink 4*d.*; from Michaelmas to Easter to abate 1*d.* A master having under him six men, was allowed 1*d.* per day extra.

1515. By the 6 Henry VIII., the wages of shipwrights were fixed as follows:—a master ship-carpenter, taking the charge of work, having men under him 5*d.* a day in the summer season, with meat and drink; other ship-carpenter, called an hewer, 4*d.*; an able clincher 3*d.*, holder 2*d.*, master calker 4*d.*, a mean calker 3*d.*, a day labourer by the tide 4*d.*

LABRADOR, British North America, discovered by Cortercal, who sailed from Lisbon on a voyage of discovery for the Portuguese, 1501. Afterwards visited by a French engineer, Alphonze, 1541; but this country has never been fully explored; the severity of the climate, and the barrenness of the soil, having confined the visits of travellers principally to the coasts.

LA CRUSCA, ACADEMY OF, founded at Florence 1282.

LACCADIVES, a group of small islands, Indian Ocean, discovered by Vasco de Gama in 1499, and are nominally dependant on Cannanore.

LACE, a delicate and beautiful fabric. Mary de Medici was the first who brought it into France, from Venice. In England

so early as 1483, “laces of thread, and laces of gold, and silk and gold,” were enumerated among the articles prohibited to be imported. In 1626, Sir Henry Borlase founded and endowed the free school at Great Marlow, for 24 girls, to knit, spin, and make bone lace. In 1640 the lace trade was flourishing in Buckinghamshire; and so greatly had it advanced in England, that by a royal ordinance in France, passed in 1660, a mark was established upon the thread lace imported from this country and from Flanders, and upon the point lace from Genoa, Venice, and other foreign countries, in order to secure payment of the customs duties.

The first lace made in this country was Brussels point. About a century since, the grounds in use were the old Mechlin, and what the trade termed the wire ground. An improvement took place about the year 1770, when the ground, which is probably the most ancient known, was re-introduced. From the first appearance of the point ground may be dated the origin of the modern pillow lace trade; but it was not until the beginning of the present century that the most striking improvements were made. Soon after the year 1800, a freer and bolder style was adopted; and from that time to 1812, the improvement and consequent success were astonishing and unprecedented. The effects of the competition of machinery, which had been begun in 1768, and the correct principle latterly introduced began to be felt, however, about this time, and in 1815, the broad laces began to be superseded by the new manufacture. The pillow lace trade gradually dwindled into insignificance, and has only within the last few years in a measure revived.

Mr. Heathcoat of Tiverton obtained a patent for his invention of the bobbin net frame in 1809. Steam power was first introduced by Mr. John Lindley in 1815, but did not come into active operation till 1820. It became general in 1822; and a great stimulus was at this period given to the trade, owing to the expiration of Mr. Heathcoat's patent, the increased application of power, and the perfection to which the different hand-frames had been brought. In 1831 the annual produce at Nottingham was estimated at 23,400,000 square yards, worth £1,891,875. It is now estimated

at 30,771,000 square yards, worth £1,850,650.

LACEDÆMON, or SPARTA, city of Peloponnesus, the capital of Laconia, founded by Lelex, about A.C. 1516, and his subjects were called Leleges. About 80 years after the fall of Troy, the descendants of Hercules took Lacedæmon from Tisamenus, the grandson of Agamemnon. In A.C. 1102, upon the division of the Peloponnesus by the Heraclidæ, the kingdom of Lacedæmon or Sparta properly commenced under Procles and Eurysthenes, the two sons of Aristodemus, the chief of the Heraclidæ. The successors of Procles were Ivas A. C. 1060; Eurypon 1028; Prytanis 1021; Eunomus 986; and Polydectes 907. The celebrated Lycurgus succeeded his brother Polydectes. See LYCURGUS. The Messenian war began A.C. 752, and after a conflict of several years, ended in the total reduction of the Messenian territory. This conquest gave Lacedæmon the superiority over all the Grecian states, excepting that of Athens. The Lacedæmonians were defeated by the Athenians A. C. 377; reconciled to them 372; joined the Achæan league, 182. The country made a Roman province, 71.

LA CEPÉDE, the French naturalist, died 1825, aged 68.

LACKINGTON, GEORGE, an extensive dealer in second-hand books, born at Wellington, Somerset, Aug. 31, 1746, died Nov. 22, 1815.

LACTANTIUS, FERMIANUS, one of the Christian fathers, and author of the "Defence of Christianity," died 325.

LADRONE ISLES, a group of islands, in the North Pacific Ocean, discovered by Magalhean, who called them *Isles des Ladrones*, (Islands of Thieves), because the natives stole every article of iron that they could find within their reach. Towards the end of the 17th century, they received the name of Mariana, or Marianne islands, from the queen of Spain, Mary Anne of Austria, the mother of Charles II.

LAFAYETTE, GILBERT MORTIER, MARQUIS DE, was born at Chavaniac in Auvergne, September 6, 1757. At the age of 19 he espoused the cause of American independence, and arrived at Charlestown in the beginning of 1777. In 1787 he was a member of the assembly of the "Notables" at Paris, in which

he denounced various abuses. When deputed to the states general, he proposed, on the 11th of July, 1789, his famous declaration of rights, which was made the basis of that of the constituent assembly. On the 15th of the same month, he was proclaimed commandant-general of the burgher guard, and the next morning published the order for destroying the Bastille. On the 16th of June, 1792, he wrote a letter to the national assembly, denouncing the Jacobin clubs. In the revolutionary struggles he attempted a retreat into some neutral territory, when he was intercepted by an Austrian corps at Liege, and imprisoned by the coalition. He continued to suffer the miseries of a rigorous confinement for four years; and after his release, and return to France, he retired to his country residence at Lagrange. The various changes after the fall of Napoleon again brought him forward in the chamber of deputies; and he made several propositions, in accordance with his principles of liberty, but with only partial success. He witnessed with gratulation the events of July, 1830, and again placed himself at the head of the movement, by calling out his favourite national guard. He died at Paris, May 20, 1834, aged 76.

LA FONTAINE, AUGUSTUS, one of the most fruitful German romance writers, was born at Brunswick. He studied divinity in the first instance, then undertook the education of general Thadden's children, and in 1789 he became chaplain to a Prussian regiment, which he accompanied in 1792 in the campaign against France. After the peace of Basle, he retired to Halle, where he lived on a pension granted to him by the king of Prussia. He died April 20, 1831, aged 70.

LAGRANGE, J. L., mathematician, born 1786, died 1813.

LAING MALCOLM, historian, born 1762, died 1819.

LALANDE, JOSEPH JEROME LE FRANCOIS, an eminent French astronomer, was born at Bourg, in the department of the Ain, on the 11th of July, 1732. He made observations at the observatory of Berlin in 1751 and 1752, to determine the moon's parallax and its distance from the earth, and he published an account of them in three papers, which appeared in the memoirs of the Academy of Sciences for 1751, 1752, and 1753. Lalande was a member of almost

all the distinguished academies and societies in Europe, and corresponded with all the principal astronomers of the age. He published no fewer than 150 papers in the memoirs of the French academy. He rendered inestimable service to science during his life, and consulted its interests after his death, by founding an annual prize to the author of the best astronomical memoir, or most curious observation. He died at Paris, on the 4th of April, 1807, aged 75.

LALANDE, MICHAEL JEROME, a distinguished astronomer, author of several articles in the "Connaisance des Temps," and nephew of the illustrious astronomer of the same name, died in 1839.

LALLY, MARQUIS DE TOLENDAL, author of "Plaidoyer pour Louis XVI.," died 1830.

LAMARQUE, a brave French officer, distinguished in the campaigns of Napoleon, born 1772, died May 31, 1832. Upwards of 4000 persons were killed at Paris in the riots that took place at his funeral.

LAMB, CHARLES, author of "Essays by Elia," &c., born February 18, 1775, died December 27, 1834, aged 60.

LAMBERT, DANIEL, died June 21, 1809, weighing 52 stone 11 lbs.; 14 lbs. to the stone—739 lbs. Probably the heaviest man on record.

LAMBETH, Surrey. The kings of England had formerly a palace in this parish. Hardicanute, the son of Canute the Great, died suddenly, in 1041, whilst celebrating the marriage feast of a noble Dane; and here Harold II. is said to have placed the crown on his own head, after the death of Edward the Confessor. This palace continued to be the occasional residence of the royal family down to the reign of Henry VII. The palace of the archbishop of Canterbury in Lambeth was founded about 1191, by Baldwin, who then occupied the see.

LANARK, a royal burgh of Scotland, supposed to be the Colonia of Ptolemy, was, at an early period, a place of considerable importance. Kenneth II. held a parliament here in 978. Its castle, which stood on an eminence south-west from the town, is said to have been built in 1197, by David I. It was several times reduced by the English in the 13th century. In 1244 the town was destroyed by fire, and in 1297 Wallace here first raised his standard, slew the English

governor, and made himself master of the place. It was erected into a royal burgh under Alexander I.

LANCASTER, capital of the county of Lancaster. After the Norman conquest a grant of the lordship of Lancaster was obtained by Roger de Poitou, who erected a castle here, remains of which are still visible. Edward III., in the 50th year of his reign, created his son, John of Gaunt, duke of Lancaster; and during the civil wars of York and Lancaster this town suffered so much, that when Camden wrote it was merely the residence of a few husbandmen. Charles II. renewed the charter under which it was locally governed until the passing of the Municipal Reform Bill in 1835.

LANCASTER, JOSEPH, the successful promulgator of the system of mutual instruction known by his name, which he brought into practice in 1798. He was bred a Quaker; and, after spending considerable time in travelling over the kingdom to introduce his system of education, he went, about 1820, to America. He was the author of several publications relating to education. He died at New York, 1838, aged 68, of wounds received by being knocked down by a gig as he was walking in the street.

LAND-SLIP, a convulsion exhibited in several places in England, particularly in the south coast. A remarkable one occurred recently near Axmouth, Devon. It commenced at three o'clock in the morning of December 24, 1839. A man who dwelt in a cottage half a mile distant, saw that the ground was sinking beneath him, that it was gaping with fissures, and that the walls of his dwelling were cracking and tottering as if ready to fall. During the whole of Christmas day the disruption continued. An immense tract, extending east and west, one mile in length, and many hundred feet in width, subsided or sank down so as to form a ravine or chasm more than 200 feet in depth. This huge mass, so cut off, has been forced on its foundation many yards in a southerly direction towards the sea, inclined somewhat from its former level, and rent and depressed into terraces. The bed of the sea also, the whole way along in front of it, has been lifted up to the height of 40 feet above the surface, to a great distance out from the original line of coast, now forming reefs and islands, inside which

are bays and small harbours, into which boats have been, and have found good soundings.

On June 18, 1839, a remarkable displacement of an entire valley near the foot of a mountain took place at the village of Federowk, in Russia; and during 72 hours it moved with an undulating motion towards the river Volga. The sinking of the valley is one mile and a half long, and 250 fathoms in breadth. Above 70 houses were damaged or thrown down, but happily no lives were lost.

LANDEN, JOHN, an eminent mathematician, born January 1719, was elected fellow of the Royal Society January 16, 1766. He died January 15, 1790.

LANDER, RICHARD, the enterprising African traveller, born at Truro in 1804. He embarked with Captain Clapperton on the 24th of August, 1825, for Africa. The death of Clapperton occurred April 10, 1827, and Lander returned home April 30, 1828. He published his first journal in 1830. Immediately after he set out on his second expedition to trace the river Niger, from thence to Benin, accompanied by his brother John. This second expedition became the triumph of Lander's fame, and imparted to his name a large share of immortality. In 1831 the discovery of the course and termination of the Niger was announced, and the return of the brothers to England was the subject of the warmest congratulations. Richard, again hurried away by the same enterprising ambition which had actuated him through life, set off on a third expedition. On his way to the interior he purchased an island near the city of Atta, on which he built a house, and which he intended as a depôt for merchandise. He died of a wound he received at Fernando Po, by a shot from the natives, Feb. 6, 1834.

LANDER, JOHN, the brother of the above, and his attendant in his African expedition, died in 1839.

LANDRECY, a town in France, department of the North, was besieged by Prince Eugene without success in 1712; in 1794 it was taken by the allied armies; but soon afterwards evacuated. It was one of the barrier fortresses occupied by the allies, after the second treaty of Paris in 1815.

LANDSHUT, town of Bavaria taken by the French, April 21, 1809.

LAND-TAX, one of the annual taxes raised upon the subject; exacted in some

form in the reigns of Henry II. and III, but fell into disuse upon the introduction of subsidies, about the time of Richard II. and Henry IV. The land-tax was first properly introduced in the reign of William III.; in 1692 a new assessment or valuation of estates was made throughout the kingdom: and, according to this enhanced valuation from the year 1693 to the present, the land-tax has continued an annual charge upon the subject.

The method of raising it is by charging a particular sum upon each county, and this sum is assessed and raised upon individuals by commissioners appointed in the act. An act passed annually for the raising in general £2,037,627 9s. 10d. by this tax at 4s. in the pound, till the year 1799, at which time the land-tax was made perpetual, subject to redemption by purchase on certain conditions. In the first year upwards of £13,000,000 was purchased; and, since that period, a great proportion of the land-tax has been redeemed.

By 4 and 5 Will. IV. c. 60, August 13, 1834, commissioners of the land-tax are empowered to transfer jurisdictions from one hundred or division to another, or to create new divisions. Assessments of open fields, commons, and waste lands, since the inclosure thereof, in the places in which they have usually been assessed, are declared valid, although not in the parishes in which they lie. Since the Reform Act, certain provisions of 18 Geo. II. c. 18, and 20 Geo. III. c. 17, relating to the assessment of the land-tax, have become unnecessary; they are, therefore, repealed, and persons are indemnified for omission, &c.

LANFRANC, archbishop of Canterbury, in the 11th century, was a native of Italy, and born at Pavia. He was appointed abbot of St. Stephen, at Caen, in 1063; and consecrated archbishop of Canterbury in 1070. Having presided over the diocese 19 years, he died in 1089, leaving behind him a high character for wisdom, learning, munificence, and other virtues.

LANGHORNE, DR. JOHN, English poet, born at Kirkby-Stephen in Westmoreland, in 1735. He held the living of Blagden, in Somersetshire, at the time of his death, which happened April 1, 1779.

LANGRES, town, France, province Champagne, taken by the allied Russian

and Prussian army under General Guillaÿ, January 17, 1814.

LANGUARD FORT, Essex, built 1618.

LANTANE, a new metal, discovered by M. Mosander, 1839, while submitting the cerite of bastnas to fresh examination. The oxide of cerium, extracted from the cerite by the usual method, contains nearly two-fifths of its weight of the oxide of the new metal, which but little changes the properties of the cerium, and lies, as it were, hidden in it. For this reason, M. Mosander has named it lantane. It is prepared by calcining the nitrate of cerium mixed with nitrate of lantane.

LAODICEA, on the Lycus, a town of Phrygia, built by Antiochus, son of Stratonice, and called after his consort Laodice. It was long an inconsiderable place; but increased towards the age of Augustus Cæsar. Its memory is rendered interesting, being one of the seven churches addressed by St. John in the Apocalypse. It was often damaged by earthquakes, and restored by its own opulence, or by the munificence of the Roman emperors. It became early a scene of ruin, and fell into the hands of the Turks about A.D. 1000.

LAON, town, France, department Aisne. A severe battle was fought here between the Prussians and French, in March, 1814.

LAPLACE, MARQUIS DE, a French mathematician and astronomer of the first rank, was born in 1749. He was the successor of Bezout, as examiner of the royal corps of artillery; and he became successively, member of the Academy of Sciences, of the National Institute, and of the Board of Longitude. In 1796 he dedicated to the council of Five Hundred his "Exposition of the System of the World." In July, 1803, he was elected president of the senate; and, in September, he became chancellor of that body. In April, 1814, he voted for a provisional government, and the dethronement of Buonaparte; services for which Louis XVIII. rewarded him with the dignity of a peer. He was nominated a member of the French Academy in 1816, and president of the commission for the re-organisation of the Polytechnic school. He died March 5, 1827.

LA PLATA. See BUENOS AYRES.

LARCHER, P. H., French translator of Herodotus, born 1726, died 1812.

LARDNER, DR. NATHANIEL, eminent divine and writer, was born at Hawkherst, in the county of Kent, June 6, 1684. In 1727 he published, in two vols., the first part of his great work "The Credibility of the Gospel History, or the facts occasionally mentioned in the New Testament, confirmed by passages of ancient authors, who were contemporary with our Saviour, or his Apostles, or lived near their time." This valuable work occupied many years, and was not completed till 1743, when he published the fifth volume, which concludes with the year 306. In 1764 Dr. Lardner continued the prosecution of his grand object, and gave the world the first volume of "A large Collection of ancient Jewish and Heathen Testimonies to the Truth of the Christian Religion." The remaining three volumes were published at intervals between that and the close of the year 1767. They completed the grand design which had occupied 43 years of Dr. Lardner's life; and by them, though far from profitable, he has raised a monument to his fame, which can never perish. In 1768 he fell into a gradual decline, which carried him off in a few weeks, at Hawkherst, his native place, aged 85.

LARISSA, city, Greece, capital of Thessaly, famous in antiquity as the birthplace of Achilles, and as having been the rendezvous of Julius Cæsar's army previous to the battle of Pharsalia. It was the head quarters and centre of the military operations of the Turks against the Greeks, from the time of Ali Pacha, who died in 1822, and who here laid the foundation of his power. From this city, also, Kourschid Pacha, and all the other seraskiers who succeeded him in the late Greek war, commenced their campaigns against Livadia and Epirus.

LATIMER, HUGH, bishop of Worcester, and one of the earliest British reformers, born about 1480, at Thurstaston in Leicestershire. In 1535 he was promoted to the bishopric of Worcester: in the possession of this dignity he continued till 1539, when, rather than assent to the act of the Six Articles, he resigned his office, and retired into the country. He was soon after accused of speaking against the Six Articles, and committed to the Tower, where he continued prisoner till the death of Henry VIII. in Jan. 1547. On the accession

of Edward VI. he was released, but not restored to his bishopric, though he preached several times before the king, and continued to exercise his ministerial duties with unremitting zeal. Edward finished his short reign 1553, and the persecuting Mary ascending the throne, Latimer was doomed to destruction, and, together with Cranmer and Ridley, confined in the Tower. In April, 1554, they were removed to Oxford, that they might dispute with the learned doctors of both universities. Latimer, and his fellow prisoner Ridley, adhering to their former declarations, they were condemned to the stake Sept. 16, 1554.

LATIN, that language, being corrupted by the irruption of the Lombards, ceased to be spoken in Italy, about 581.

LATIUM, kingdom of, begun by Janus, A.C. 1367.

LATOUR, HUBERT DE, the statuary, died 1650.

LAUD, WILLIAM, archbishop of Canterbury, born at Reading, in 1573. He received his classical education at St. John's College, Oxford, of which he was afterwards a fellow and grammar reader. In 1610 he went into orders; in the following year he was elected president of St. John's College, and was sworn the king's chaplain. In 1621 the king nominated him to the bishopric of St. David's; and he resigned the presidency of St. John's College, in obedience to the statutes of that college. In 1628 he was promoted to the see of London. Having now great influence, he became extremely active in the high-commission court, in which such arbitrary and severe prosecutions were carried on, as rendered him extremely unpopular. He was elected chancellor of the university of Oxford in 1630, and made it his business during the remainder of his life to adorn the university with buildings, and to enrich it with valuable manuscripts and other books. In 1633 he was made archbishop of Canterbury, and was sworn a privy councillor for Scotland. In 1635 he was appointed one of the commissioners of the Treasury; and on the 6th March, 1636, received the staff of the lord high treasurer of England. In order to prevent the printing what he thought improper books, he procured a decree to be passed in the star-chamber, July 11, 1637, whereby it was enjoined that the master printers should be reduced to a certain number,

and that none of them should print any book till they were licensed either by the archbishop or the bishop of London. On Dec. 18, Denzill Holles, by order of the house of commons, impeached Archbishop Laud for high treason, &c., at the bar of the house of lords. He was then committed to the Tower, found guilty, and beheaded on Tower-hill, Jan. 10, 1645, in his 72d year.

LAURA, illustrious for her virtues, and immortalized in the verses of Petrarch, died 1348. See PETRARCH.

LAUREL, British frigate, lost in Quiberon Bay, and the crew made prisoners Jan. 31, 1812.

LAURISTON, a field-marshal, and a peer of France, born at Pondicherry 1768, died June 10, 1828.

LAVALETTE, condemned at Paris for high treason; escaped from prison disguised in his wife's clothes Dec. 21, 1815. Major-General Sir Robert Wilson, Michael Bruce, Esq., and Captain Hely Hutchinson, were sentenced to three months' imprisonment for aiding his escape from France.

LAVATER, JOHN GASPARD, a celebrated physiognomist, born at Zurich in Switzerland 1741. After completing his studies, he entered into the ministry in 1762, and in 1778 was chosen deacon and pastor of St. Peter's church. His first volume on physiognomy appeared at Leipsic in 1776, under the title of "Fragments." Two additional volumes appeared in quick succession. This work was translated into the French and English languages, and was for some time the favourite topic of literary discussion. He was the determined enemy of tyranny in every shape, being possessed of the genuine Swiss zeal for liberty; and on the day when the city of Zurich was stormed by Massena in 1799, Lavater received a wound in the breast from a Swiss soldier, from which he never recovered. He died Jan. 2, 1801.

LAVOISIER, ANTHONY LAWRENCE, a celebrated French philosopher and chemist, born at Paris August 26, 1745. In 1774 he published his "Opuscules Chymiques." Turgot employed him in 1776 to inspect the manufacture of gunpowder; and his chemical investigations of the proper mode of preparing this article were so successful, that he increased its explosive force by one-fourth. In 1778 Lavoisier discovered that all acids contain the respirable

portion of the atmosphere as a constituent principle, and to this he gave the name of oxygen. His "Elements of Chemistry" were published in 1789. The last of his philosophical works was "On the Perspiration of Animals," first read to the Academy May 4, 1791. Having been involved in charges fabricated against 28 farmers-general, he was capitally condemned, and suffered on the scaffold May 8, 1794.

LAW, EDMUND, bishop of Carlisle, a theological writer, died 1789.

LAW, REV. WILLIAM, a divine, author of the "Serious Call," &c., born 1686, died 1761.

LAWRENCE, SIR THOMAS, an eminent modern artist, was born at Bristol April 13, 1769. In 1787, when in his 18th year, he came to London, and availed himself of the public institutions in his art. He made his first appearance as an exhibiter at Somerset House the same year. In 1791 he was elected an associate at the Royal Academy. On the death of Sir Joshua Reynolds, the Society unaniously chose him as his successor as their painter. In 1818 he went to Aix-la-Chapelle, to paint for his Royal Highness the Prince Regent, the resemblance of those by whose actions posterity was so much to be influenced. On November 7, the emperor of Russia repaired to the Town-hall to sit to Sir Thomas Lawrence. Having concluded his mission at Aix-la-Chapelle, Sir Thomas proceeded to Vienna; from Vienna to Rome May 15, 1819; and he there finished the portraits of the pope and cardinal Gonsalvi. March 30, 1820, Sir Thomas Lawrence was, without opposition, elected to succeed Mr. West as President of the Academy. Immediately after the coronation in July, 1821, his majesty George IV. directed Sir Thomas to paint a full-length portrait of him, in his coronation robes. His last public duty was the delivery of the biennial medals December 10, 1829. He died January 7, 1830; his remains were interred in St. Paul's Cathedral, Jan. 21.

LEACH, SIR JOHN, master of the rolls, a privy councillor, a bencher of the Middle Temple, and LL.D., was born 1760. He became king's counsel in 1807. His most remarkable speeches were on the duke of York's affairs, on the motion of colonel Wardle in 1809; and also on the bill for creating

the vice-chancellor's court. He died Sept. 14, 1834.

LEAD, a metal of much importance for its durability. It is extensively used in the construction of water-pipes and cisterns, as a covering for flat surfaces or tops of buildings, &c. &c. The lead-mines of Great Britain have been wrought from a very remote era. Previously to 1289, however, those of Derbyshire only had been explored; but in that year lead-mines were discovered in Wales, and subsequently in Scotland, and since then others also have been worked in Cumberland and Northumberland; the whole producing annually about 16,000 tons. The total annual produce of the Scotch lead-mines is estimated at 4120 tons.

The lead ore exported from the United Kingdom from January 1, 1832, to January 1, 1833, was 12,181 tons, 3 cwt. Since then the exports of British lead have fallen off, and the imports increased, principally owing to the vast supplies of that metal that have recently been furnished by the mines of Adra, at Granada, in Spain. The quantity exported from this country in 1838 was 7381 tons, at the declared value of £154,126.

LEADENHALL, London, built 1446.

LEAMINGTON PRIORS, Warwickshire, has risen since 1797, and from an inconsiderable village become a place of fashionable resort. The springs are variously impregnated. The original spa contains a large proportion of common salt, with sulphate of soda, muriate of magnesia, and sulphate of lime; there are besides chalybeate and sulphureous springs; the waters of the latter are chiefly used externally.

LEATHER-SELLERS' COMPANY, London, incorporated 1442.

LEDYARD, JOHN, the African traveller, born 1751, died 1788.

LEE BOO, a prince from the Pelew Isles, died of the small-pox, and was interred in Rotherhithe church-yard, Dec. 27, 1784.

LEEDS, Yorkshire, is a place of great antiquity; it is mentioned by Bede the ecclesiastical historian, and is noticed in the Doomsday Survey. A castle formerly stood here, besieged by King Stephen in 1139, and in which Richard II., after his deposition in 1339, was confined for a short time previously to his removal to Pontefract. The town

received its first charter of incorporation from Charles I. in 1626; a second charter was granted by Charles II. in 1661, and renewed by James II. in 1684. Under this the town continued to be governed until the passing of the Municipal Reform Bill in 1835.

LEGHORN, city, grand duchy of Tuscany, anciently Liburnum, was, in the 15th century, a village immersed in swamps; it was then given by the Genoese to Florence, in exchange for Sarzana: it is indebted for its prosperity to the family of Medici, who constructed the port and mole, and declared it a free harbour.

LEGION OF HONOUR, instituted by Buonaparte, July 15, 1804; confirmed by Louis XVIII. in 1814.

LEIBNITZ, GODFREY WILLIAM DE, a celebrated mathematician and philosopher, was born at Leipsic in 1646. In 1700 he was admitted a member of the Royal Academy of Sciences at Paris; and in the same year was appointed perpetual president of the academy of Berlin. His writings spread his fame over Europe, and procured him the patronage of several crowned heads. The emperor of Germany appointed him in 1711 aulic counsellor; and the czar of Russia made him privy councillor of justice, with a pension of 1000 ducats. On the accession of the elector of Hanover to the throne of Great Britain in 1714, Leibnitz visited this country, where he was received with every mark of distinction. He died in 1716, aged 70. His philosophy which has excited considerable interest, is a system formed partly on the Cartesian theory. The particulars of this system may be seen in the "Principia" of Leibnitz," published by Hanschius in 1728.

LEICESTER was, under the Romans, a military station of importance. About the year 737 the see of a bishop was transferred from Sidnacester to Leicester; the period at which it ceased to be a bishopric is uncertain. The first charter was granted by King John in 1199, and confirmed by Henry VII. in 1504. Elizabeth in 1584 granted a fresh charter, which was renewed by her successor in 1604. Leicester, during the civil wars, was occupied by the parliamentarians, and taken after a siege by the king in 1645; but after the battle of Naseby, was surrendered by the royal governor, Lord Loughborough, to Sir

Thomas Fairfax. Here Cardinal Wolsey died, Nov. 29, 1530, having been compelled by sickness, on his journey to London, to seek an asylum there.

LEIGHTON, ROBERT, an eminent English divine, the eldest son of Alexander Leighton, a native of Scotland, (well known by his writings and his sufferings,) was, from his youth, equally distinguished by his talents and his piety, and at an early age was ordained minister of Newbottle, near Edinburgh. In 1648 he declared his approbation of the measures in favour of the king, and finding it impossible to avoid sharing in the disputes of that period, he resigned his charge, and withdrew to a private station. Soon after the Restoration, when the introduction of episcopacy into Scotland was resolved on, Leighton was consecrated bishop of Dunblane, but he resigned his bishopric. The king and council resolved to carry on the cause of episcopacy in Scotland on a different plan; and, with this view, Leighton was persuaded to accept the archbishopric of Glasgow; but, finding it not in his power to stem the violence of the times, he resigned his archbishopric, and retired to a private residence in Sussex. He died in 1684 while on a visit to London.

LEIPSIC, city, Saxony, is first mentioned as a fortified city in the 12th century. On Sept. 7, 1631, Gustavus Adolphus, on the plains of Leipsic, prevailed over the Roman catholic generals Tilly and Pappenheim. In 1642 Tostenson defeated, at the same place, the imperial Saxon troops, under the archduke Leopold William and Piccolomini. Leipsic is also celebrated for two of the greatest battles recorded in history, fought in its vicinity between the French and the allied armies on Oct. 16 and 18, 1813; the French were completely defeated and the town captured: their loss in killed, wounded, and prisoners, is stated at 60,000 men.

Leipsic university, which was founded in 1409, is composed of six colleges, and is divided into four faculties: theology, law, medicine, and philosophy. It contains upwards of 70 professors, and about 1300 students.

LELAND, JOHN, the antiquarian, was born in London about the end of the reign of Henry VII. Intense application brought upon him a derangement of mind in 1550, from which he never recovered. He died in 1552.

LELAND, DR. JOHN, a distinguished nonconformist divine, and writer in defence of Christianity, was born at Wigan in Lancashire in 1691. His principal work entitled, "A View of the Principal Deistical Writers that have appeared in England, in the last and present Century, with Observations," &c., was published in 1754. He died Jan. 16, 1766, aged 75.

LELAND, DR. THOMAS, a divine of the church of England, born at Dublin about 1702, author of "A History of Ireland," &c., died 1785, aged 83.

LELY, SIR PETER, eminent portrait painter, born 1617, died 1680.

LEMPRIERE, JOHN, D.D., author of "Bibliotheca Classica," died 1824.

L'ENFANT, JAMES, historian, born 1661, died 1728.

LENNOX, MRS., author of the "Female Quixote," &c., died Jan. 4, 1804.

LENOX, EARL OF, regent of Scotland, murdered 1571.

LEO X., one of the most celebrated Roman pontiffs, was the second son of Lorenzo de Medici, and born at Florence in Dec., 1475. In the time of Innocent VIII. he was promoted to the rank of cardinal, being only 13 years of age. He was formally invested with the purple in 1492, and went soon after to reside at Rome, as one of the sacred college, and afterwards went to Florence. On the invasion of Italy by Charles VIII. of France, he was involved in the expulsion of his family, and took refuge at Bologna. In 1505, when 30 years of age, he began to take an active part in public affairs, and Julius II. appointed him governor of Perugia. He was taken prisoner at the battle of Ravenna in 1512, and conveyed to Milan. On the death of Julius II. in 1513 he was chosen pontiff, and ascended the throne under the name of Leo X.

It was during the reign of this pontiff that the reformation under Martin Luther commenced. Leo having exhausted his coffers, determined to take from the church the profits arising from the sale of indulgences for his own private emolument. In 1518 he published a bull, asserting the pope's authority to grant indulgences. The works of Luther were burnt in different places by Leo's command. It was this pontiff who conferred on Henry VIII. of England the title of "defender of the faith." He died Dec. 1, 1521, aged 46.

LEOBEN, town, Austrian empire. A convention was here concluded in April, 1797, between the French and Austrians, previously to the peace of Campo Formio.

LEON, kingdom of Spain. The foundation of it was laid by Pelagius in the eighth century, but Ordonno II. was the first who assumed the title of king of Leon. It was united to Castile in 1030. The town was the residence of the Roman catholic kings of Spain until the year 1037.

LEOPOLD, PRINCE OF SAXE-COUBOURG, married to the Princess Charlotte, May 2, 1816. He was elected king of Belgium June 4, 1831, crowned at Brussels July 21, 1831; married at Compeigne to Louise, daughter of the king of the French, Aug. 9, 1832.

LEPANTO, town, Greece, situated on a bay, called the Gulf of Lepanto. Having been ceded to the Venetians by the emperor, it was fortified, and stood a siege of four months, in 1745, against the Turks, who lost 30,000 men. Near this town, Don John of Austria obtained a celebrated victory over the Turkish fleet, Oct. 7, 1571, which effectually checked the progress of the Turks in the Mediterranean. It was taken by the Greeks May 9, 1829.

LERIDA, town, Spain, Catalonia, was for some time in the possession of the Goths and Moors, and under the latter was, for several years, the capital of a small kingdom. It was taken by the French in 1707 and in 1810. Capitulated to the Spaniards, Feb. 18, 1814.

LESLIE, SIR J., professor of natural philosophy in the university of Edinburgh, a corresponding member of the Institute of France, &c., was born April, 1766, at Largo. His differential thermometer was invented before 1800. His inquiries in relation to heat were given to the world in 1804, in his "Essay on the Nature and Propagation of Heat," which the Royal Society honoured by the Rumford medal. In 1805 he was elected to the mathematical chair in the university of Edinburgh. In 1809 he published "Elements of Geometry, Geometrical Analysis, and Plane Trigonometry." In 1810 he discovered that beautiful process of artificial congelation, which enabled him to convert water and mercury into ice. In 1813 he published "An Account of Experiments and Instruments depending on the Relations of

Air to Heat and Moisture." In 1819, on the death of Professor Playfair, he was removed to the chair of natural philosophy. He was knighted on June 27, 1832, and died Nov. 3, aged 66.

LESSING, G. E., German dramatist, born 1729, died 1805.

L'ESTRANGE, SIR ROGER, a great patron of music, born 1617, died Dec. 11, 1704.

LETTSON, JOHN, M.D., an eccentric physician, died 1815, aged 72.

LEUWENHOEK, ANTHONY, a Dutch philosopher, celebrated for his discoveries and experiments in natural history, was born at Delft in Holland, 1632. He was a member of most of the literary societies of Europe: he was elected a fellow of the Royal Society of London in 1680; and a corresponding member of the Academy of Sciences at Paris in 1697. He died at Delft in 1723.

LEVER, SIR ASHTON, collector of the Leverian museum, died Jan. 30, 1788.

LEVESQUE, P. C., historian, born 1736, died 1812.

LEWES, Sussex, before the Norman conquest, was vested in the crown, but was made over by William to his son-in-law William de Warren, a Norman baron, in whose family it remained until 1347. Near this town was fought, in 1263, a battle between the forces of Henry III. and those of the rebellious confederate barons, when the king and his son, afterwards Edward I., were made prisoners.

LEWIS, WILLIAM THOMAS, comedian, died Jan. 2, 1811.

LEWIS, GEORGE, author of "The Monk," born 1773, died 1819.

LEWIS, REV., the historian and antiquary, died January 16, 1746, aged 73.

LEXINGTON, a town in Massachusetts, United States. The first conflict in the American war occurred in this place, April 19, 1775.

LEYDEN, a city in Holland, famous for having sustained a long siege against the Spaniards in 1574, during which 6000 of the inhabitants perished by famine and pestilence. In reward for this resistance, the university was founded in the following year. It is distinguished for its botanical gardens, anatomical theatre, observatory, and valuable library. The number of students exceeds 300. Leyden suffered much in January 1807, from an explosion of a ship containing 40,000 lbs. of gunpowder.

LIBERIA, a district of Western Af-

rica, Grain Coast, Guinea, recently established. This tract of country was purchased by the American Colonization Society from the natives in 1820, and settled with people of colour and liberated captives. The capital is Monrovia, on Cape Montserado, named after Mr. Monroe, president of the United States. The emigrants from America first established themselves in Liberia January 7, 1822, and have since that time transported thither free persons of colour, slaves rescued from pirates, &c. There are four flourishing settlements within the limits of the colony. It is represented as highly religious and moral, with trade and commerce rapidly increasing, and extending into the interior and along the coast.

LIBRARY. The first public one of which we have any certain account in history was founded at Athens by Hipparchus, A.C. 526. The second of any note was founded at Alexandria by Ptolemy Philadelphus, A.C. 284. It was burnt when Julius Cæsar set fire to that city, A.C. 47. See ALEXANDRIA.

The following are the principal during the Christian era:— One was established at Rome, A.D. 167; another at Constantinople, founded by Constantine the Great, about 335; destroyed 477. A second Alexandrian library, formed from the remains of the first, by Ptolemy's successors, was totally destroyed by the Saracens, 640. The Vatican at Rome, by Pope Nicholas V., founded 1446; rebuilt, and considerably improved by Sixtus V., 1588. The Imperial, of Vienna, by Maximilian I., founded about 1500. The Royal, of Paris, by Francis I., about 1520. The Escorial, at Madrid, by Philip II., 1557. That of Florence, by Cosmo de Medicis, 1560. The Bodleian, at Oxford, founded in 1595. See BODLEIAN.

The Cottonian, formerly kept at Cotton-house, Westminster, founded by Sir Robert Cotton about 1600; appropriated to the public use and benefit 13 William III., 1701; partly destroyed by fire, 1731; removed to the British Museum, 1753. The Radcliffeian, at Oxford, founded by the will of Dr. Radcliffe, who left £40,000 to the university for that purpose, 1714. One at Cambridge, 1720, to which George I. gave £5000 to purchase Dr. Moore's collection.

The most valuable libraries now existing in Europe, and the number of printed books and manuscripts, are as follow:—

	Vols.	MSS.
Royal Library, Paris. . .	700,000. .	80,000
Bodleian, Oxford. . . .	420,000. .	30,000
Royal Central, Munich	500,000. .	16,000
Vatican, Rome	100,000. .	40,000
University, Göttingen	300,000. .	5000
British Museum	305,000. .	22,000
Vienna	350,000. .	16,000
St. Petersburg	400,000. .	16,000
Naples	300,000. .	6000
Dresden	300,000. .	2700
Copenhagen	400,000. .	20,000
Berlin	250,030. .	5000

The various public libraries in the United States of America contain 754,050 volumes.

LICHFIELD, or LITCHFIELD, said to have been a small village when Oswy, king of Northumberland, having defeated and slain Penda, the pagan king of the Mercians, introduced Christianity among his subjects about the year 656, built a church, and established a bishopric at this place. The see was transferred to Chester, and thence, in 1102, to Coventry; but Roger de Clinton having been appointed bishop in 1129, made this place again the seat of prelacy, and his successors have ever since retained the style of bishops of Lichfield and Coventry. *now Lichfield only.*

LIEBAU, treaty of, which annulled the feudal subjection of the duchy of Prussia to the crown of Sweden, November 10, 1656.

LIEGE, a province of Belgium, formerly a bishopric in the circle of Westphalia, was occupied by the French in 1794; ceded to them by the peace of Luneville, and formed into the department of Ourthe. By a decree of the congress of Vienna, and a separate treaty of March 23, 1815, this country was given as a sovereign principality to the king of the Netherlands, and formed, until 1830, a province of that kingdom; but at the revolution it became a portion of the Belgic kingdom.

LIEGE, city, taken by the English 1702; by the French 1792; by the French 1795; by the Austrians 1798. A University was established here in 1817, which, previous to the disturbances in 1830, contained 350 students.

LIFE ANNUITIES, periodical payments, depending on the continuance of the life of one or more persons. These annuities commence either immediately, or at some future period; in the latter case they are called reversionary life an-

nuities. Life annuities, for accelerating the liquidation of the national debt, by their reversion at the death of the nominees into the sinking fund, were introduced 1808.

LIFE ASSURANCE, or INSURANCE, a species of insurance founded on the average term of the duration of life. The average in Great Britain is longer by almost one-third, than it was during the last century. The rate of mortality in 1780, was one in 40; in 1821 it was one in 58. The tables which have been constructed, upon the experience of most European nations, enable us not only to determine the average term of life, but the probabilities of the number of years a person, at any particular age, has to live. Upon these calculations are founded the system of Life Assurance and annuities. For a list of the principal offices, see INSURANCE.

LIFE BOATS. See BOATS. A new and improved life boat has lately been introduced, which from its strength and elasticity, is capable of sustaining concussions that would destroy life-boats of the usual construction: it was invented in 1823, but the originator only brought it into use in 1839. It is perfectly elastic, except about three-fourths of its keel, which are secured by plates of copper, or iron. The stern and other parts of the keel are secured by thinner plates, in joints, so as to give great strength to these parts, but still preserve their elasticity. The timbers, which are very slight, are of oak, tarred and covered with light strong canvass, with a casing over that of thin whalebone, and the outside finished with leather, or improved canvass, sewed on. The materials of this cloth are saturated in the loom by a chemical process, which preserves it from wet, and the action of the atmosphere, heat, mildew, or rot.

LIFE PRESERVER, a new safety jacket, invented by a mechanic at Bath, 1823.

LIFE SHIPS. The plan of dividing the hull of a vessel into sections, each of which should be completely water-tight, long practised by the Chinese, has been introduced, with some improvements, into European naval architecture, by Mr. Williams, the engineer of the Dublin steam-boat company in 1838. He divided the vessel into five compartments by means of four bulk-heads of iron. The central section of this division is

occupied by the engine boiler and coal-bunkers; thus detaching them entirely from all other parts of the vessel. The sections, numbers 2 and 4, form the fore and after holds; or, in case of passengers' vessels, the fore and after cabins; and the two remaining sections at the bow and stern, need not be so high as the main deck, as the water could never rise within several feet of the same. Here then is an effectual remedy against the casualties attendant on a vessel coming into collision with another. Unless the water break into the vessel in all its sections at the same time, (which may be considered impossible), there can be no danger of submersion; and experience has proved that a small addition of buoyancy would prevent a vessel from sinking, after it had been so immersed that the deck was level with the surface of the sea.

LIGHTFOOT, REV. DR. J., a learned divine, born in 1602. In 1652 he took the degree of doctor of divinity, and in 1655 was made vice-chancellor of Cambridge. He took an active part in perfecting the Polyglott Bible, then in the press. He was appointed one of the assistants at the conference upon the liturgy, which was held in 1661. He died in 1675, aged 74. His works were collected and published in 1684.

LIGHTHOUSE, a tower situated on a promontory, or headland on the sea-coast, for the reception of a light for the guidance of ships at night. The most celebrated of all the ancient lighthouses was that erected by Ptolemy Soter, on the small island of Pharos, opposite to Alexandria; it was of great height, and is said to have cost 800 talents. In the ancient world there were lighthouses at Ostia, Ravenna, Puteoli, Caprea, Rhodes, on the Thracian Bosphorus, &c. Numerous lighthouses have been erected in most civilized maritime countries; they are particularly abundant in the Baltic and in the Sound, and have contributed in no ordinary degree, to render navigation comparatively safe. The Tour de Cordouan, at the entrance of the Gironde, was begun in 1584, by order of Henry IV. of France, and was completed in 1611.

Lighthouses were erected in England at an early period. The act 8 Eliz. c. 13, empowers the corporation of the Trinity House to erect beacons, &c., to prevent accidents to ships. The first lighthouse

erected by the Trinity corporation, was in 1680, but several had been previously erected by private parties. The most important British lighthouses are the Eddystone, near Plymouth, and Bell Rock, on the Forth of Tay, Scotland. The first lighthouse erected on the Eddystone rocks only stood about seven years, having been blown down in the dreadful storm on Nov. 27, 1703; a second, erected in 1708, was burnt down in 1755. The present lighthouse, constructed by the celebrated engineer, Smeaton, was completed in 1759; it is regarded as a masterpiece of its kind. The Bell Rock lighthouse was built by Mr. Stevenson, on the model of the Eddystone. The foundation stone was laid July 10, 1808. In Feb. 2, 1811, it was lighted for the first time. The light is clear and powerful, and may be seen, when the sky is clear, very distinctly at eight leagues' distance.

The invention of revolving, intermitting, and colouring lights, since the close of the last century, has afforded facilities for varying the appearance of each light, which have been, in that respect, of the greatest importance. An improved method of illuminating was invented by Lieut. Drummond, 1832.

1836. Important regulations, in respect of lighthouses, are embodied in the act 6 and 7 Will. IV. c. 79, in which provision is made for placing all lighthouses, floating lights, harbour lights, buoys, beacons, &c. on and round the coasts of England and Wales, under the control and management of the Trinity House; and also for placing all lighthouses, &c. on the coasts of Scotland and Ireland respectively, under the control and management of the Commissioners of Northern Lights, and of the Commissioners for improving the Port of Dublin.

1838—1840. It having been represented to the Corporation of the Trinity House, that Mitchell's patent screw moorings might be advantageously employed in constructing lighthouses on sands, an experiment to ascertain its practicability was made under the superintendence of their engineer, Mr. J. Walker. The spot selected is on the verge of the Maplin sand, at the mouth of the Thames, about 20 miles below the Nore. In August, 1838, operations were commenced to form the base of an octagon, 40 feet diameter, with Mitchell's mooring screws, and have been since continued.

LIGHTNING CONDUCTORS. See ELECTRICITY, page 419.

LILLO, GEORGE, dramatist, born 1693, died Sept. 3, 1739.

LILLY, WILLIAM, the astrologer, born 1602, died 1681.

LILLY, WILLIAM, the grammarian, was born at Oldham, in Hampshire, 1466, and educated at Magdalen College, Oxford. In 1510, when Dr. Colet founded St. Paul's school, Lilly was appointed the first master. Being seized by the plague, he died in Feb. 1523, and was buried in the north yard of St. Paul's. His principal work on grammar is entitled, "Brevissima Institutio seu ratio Grammatices cognoscendæ:" Lond. 1513.

LIMA, city, South America, capital of the republic of Peru, was founded in 1535, by Francis Pizarro. A university was instituted at Lima in 1551, which obtained from the crown of Spain the same privileges as that of Salamanca. Lima has been repeatedly laid in ruins by earthquakes, more than 20 of which it has experienced since 1582. Previously to the emancipation of Peru, Lima was the grand *entrepôt* for the trade of all the west coast of South America; but a considerable portion of the foreign trade of Peru is now carried on through Buenos Ayres. A revolution broke out at Lima against General Santa-Cruz, July 29, 1838. The Chilian troops entered Lima, Aug. 21.

LIMBORCH, PHILIP, a learned Dutch divine, born at Amsterdam 1633. In 1655 he began to preach in public, at Haerlem. He obtained the professorship of divinity at Amsterdam, in which he acquitted himself with great reputation till his death, which happened in 1712.

LIMERICK, a city in Ireland, was founded in 155, by Yuorus. In 970 it was plundered by Mahon, brother of Brian Boromhe. In 1174 it was first taken by the English, and was then the strongest fortress in Ireland, and the port much frequented. In 1651 it was again taken by Ireton, at the head of the Parliamentarians. In 1691 it surrendered to General Ginkle, having first obtained the conditions well known as the "Articles of Limerick." The see of Limerick existed in the beginning of the 12th century, and is said to have been founded in the sixth. It was united to the sees of Ardfert and Aghadoe in 1663.

LINACRE, THOMAS, English physician and philosopher, died 1524.

LINCOLN, under the Romans, was an important colony, called Lindum. In the wars between the Danes and Saxons, it was twice stormed and captured by the former, and as often retaken. During the contest for the crown, between Stephen and the empress Matilda, this place was the theatre of frequent hostilities.

In the reign of William the Conqueror it became the seat of a bishop, the see having been removed hither from Doncaster; soon after the transfer the see acquired a vast accession of territorial jurisdiction and wealth; and, though Henry II. dismembered it by the foundation of the bishopric of Ely, and Henry VIII. by founding those of Peterborough and Oxford, it is still considered as the largest in England.

LINCOLN'S-INN, London, built in 1229; converted from the bishop of Chichester's palace to an inn of court 1310; new buildings erected 1782. The square enclosed with rails 1737.

LINDISFARNE ABBEY, Northumberland, founded 651; re-built 1014.

LINEN MANUFACTURE has been prosecuted in England since 1253. In 1698 both houses of parliament addressed his majesty William III., praying that the woollen manufacture of Ireland might be discouraged, and the linen manufacture established in its stead. The linen trade of Ireland, from the reign of William III., has been the object of regulation. Besides premiums and other encouragements of various kinds, bounties were granted on the exportation of linen for a very long period.

In 1727 a board of trustees was established in Scotland for the superintendence and improvement of the linen manufacture. The regulations, after having been long objected to by those concerned, were abolished in 1822, and the bounties have ceased. The total average export of Irish linen, during the three years ending with 1825, was 51,947,413 yards, of which 49,031,073 came to this country; the exports to all other parts being only 2,916,340. The quantity exported from the United Kingdom in 1838, was 77,195,894 yards; declared value, £2,717,979.

LINNÆAN SOCIETY, founded 1788; incorporated 1802.

LINNÆUS, CHARLES, the most celebrated botanist and natural historian of modern times, was born May, 1707, at

Rashult, a village in Sweden. In 1727 he was matriculated at the University of Lund. In 1731 the royal academy of sciences at Upsal deputed him to make the tour of Lapland, with a view of exploring the natural history of that region. In 1733 and 1734 he visited and examined the several mines in Sweden. In 1735 he took the degree of doctor of medicine, and soon after published the first sketch of his "Systema Naturæ."

In 1736 Linnæus travelled into England, and visited Dillenius, the professor of botany, at Oxford. In 1738 he settled as a physician at Stockholm. In 1741, upon the resignation of Roberg, he was constituted joint professor of physic, and physician to the king, with Rosen, and pronounced before the university his oration "De Peregrinationum intra Patriam necessitate," Oct. 17. From this time we find this eminent man in a more elevated rank in life; his reputation had procured him honours from nearly all the royal societies in Europe; and his own sovereign created him a knight of the polar star. In 1776 he was seized with apoplexy, which left him paralytic; he died Jan. 11, 1778, in the 71st year of his age.

LIPARI, volcanic islands in the Mediterranean. The following are the principal eruptions on record:—Under the consulship of Æmilius Lepidus and L. Aurelius Orestes, A.C. 126. In A.D. 1444, at which time both Sicily and the Æolian isles were agitated by dreadful shocks of earthquakes. In 1550 the fury of this volcano was again renewed. In 1739 it was attended with a noise so dreadful, that it was heard as far as Melazzo, in Sicily. Lastly, in 1783, when the isles of Lipari were agitated anew by that fatal earthquake which ravaged Calabria and part of Sicily. See CALABRIA.

LISBON, the capital of Portugal, on the river Tagus, anciently called Olisipo, or Olisippo. The first inhabitants, according to Pliny, were the ancient Tertuleans, who fell under the power of Rome after the destruction of Carthage. In 716 this place was taken by the Moors, who gave it the name of Lisboa; and in the 16th century it was made the capital of the kingdom, by Emanuel I. In 1531 the city was shaken, and in 1755 almost annihilated by an earthquake. See EARTHQUAKE. In 1807 the French army occupied this city, as well as the greater part of Portugal. Upon the advance of

the French on Lisbon, the royal family of Portugal embarked for Brazil, 1808. Don Miguel seized on Lisbon in 1829; reigned until 1833, at which time he was compelled to evacuate the city, and abandon further contest for the crown of Portugal. Lisbon was captured by Donna Maria's forces, July 24.

LISLE, city, France, taken from the Spaniards by Louis XIV. in 1667; surrendered to the duke of Marlborough and Prince Eugene in 1708. At the peace of Utrecht it was restored to France. In 1792 it was bombarded by the Austrians, who were obliged to retire with the loss of 20,000 men. In 1815 Louis XVIII. spent one day here, previous to his leaving France.

LISLE, WILLIAM DE, eminent geographer, born 1675, died 1726.

LISLE, JOSEPH NICHOLAS DE, an eminent French astronomer, brother of the preceding, was born at Paris, 1688. A total eclipse of the sun having taken place in March 1706, he was by this circumstance led to the study of astronomy. He was chosen a member of the Academy of Sciences in 1714; came over to England in 1724, where he became acquainted with Newton and Halley. In 1726 he went to Petersburg, to fill the post of astronomer royal in the imperial academy of sciences. On the transit of Mercury over the sun, in 1753, De Lisle published an interesting map representing it. About 1758 he withdrew into retirement, at the abbey of St. Genevieve, and died Sept. 11, 1768, aged 81.

LISTER, DR. M., natural philosopher, born about 1682, died 1768.

LITANY, first used in churches 443; first used in England in English 1543.

LITERARY FUND SOCIETY, established 1790; incorporated 1818.

LITERARY PROPERTY. See COPYRIGHT.

LITERATURE, ROYAL SOCIETY OF, founded 1831.

LITHOGRAPHY, an art recently introduced into this country, which consists in taking impressions from a drawing or writing executed on stone: was first discovered in 1800, by Aloys Senefelder; brought over to England in 1801, when M. André D'Offenbach, a merchant in London, succeeded in obtaining several beautiful drawings on stone; greatly improved since 1820, by Hulmandel, and various other artists.

1840. Mr. Hulmandel took out a

patent for his latest and most important improvement; viz. the production on stone of different tints, put on by liquid washes with the brush, that will yield corresponding impressions. By this means the coloured drawings of Harding and other eminent artists have been faithfully transferred from the stone; so that what lithography has hitherto been to the draftsman, it will now become to the painter.

LITURGY. The liturgy of the church of England was composed in the year 1547, established by statute 2 and 3 Edward VI. c. 1., reformed and established by the act of 5 and 6 Edward VI. c. 1. It was abolished by Queen Mary, but afterwards re-established with some few alterations and additions, by 1 Elizabeth, c. 2. The last review of the liturgy was in the year 1661, and the last act of uniformity, enjoining the observance of it, is 13 and 14 Charles II. c. 4.

LIVERPOOL, Lancaster. A charter of privileges was granted to the townsmen by Henry I.; but the first recorded charter is dated 1203. Henry III. granted further privileges in 1227; which were confirmed and augmented by Edward III. in 1312; by Richard II. in 1378; by Henry IV. in 1413; by Philip and Mary in 1556; by Charles I. in 1626; and by Charles II. in 1676. In 1684 the charter was surrendered to James II. for one of his peculiar formations, which, however, was annulled by William III. in 1695. In 1752 George II. granted an entirely new charter, authorising the mayor to act as justice of the peace for four years after the expiration of this office, and George III. extended the privileges and powers of the mayor and corporation in 1808. The last charter continued in operation until the passing of the Municipal Reform Bill.

A castle was erected here in 1076 by Roger de Poitiers, one of the followers of William the Conqueror. The office of constable of the castle was vested in the Molyneux family from the reign of Henry V. to that of Queen Elizabeth; in 1659 the castle was dismantled, and its site is now occupied by St. George's church. In 1644 the town was garrisoned for the parliament, and held out against Prince Rupert for one month, when Colonel Moore, the governor, was obliged to surrender.

LIVERPOOL AND MANCHESTER RAILWAY. See RAILWAY.

LIVERPOOL, RIGHT HON. ROBERT BANKS JENKINSON, late earl of, was born June 7, 1770. In 1791 he took his seat in the house of commons; and, in 1801, was appointed secretary of state for the foreign department. On the death of Mr. Pitt in 1806 he was made secretary of state for the home department. In 1808 his father died, and he was placed at the head of his family, as second earl of Liverpool. In 1809 he was made secretary of state for the war department; in 1812, first lord of the treasury, an office which he held till 1827. On February 17, that year, he was seized with a fit both of an apoplectic and of a paralytic nature, which continued till his death, Dec. 4, 1828.

LIVY, TITUS LIVIUS, the celebrated Roman historian, was born at Patavium or Padua. He died in the fourth year of the reign of Tiberius, aged 70. His history was originally 142 books, of which only 35 are extant. The best editions are that of Gronovius, 1679; Le Clerc at Amsterdam, 1709; Crevier at Paris, 1735.

LLANDAFF, Glamorganshire, South Wales. On the first introduction of Christianity amongst the Britons, a church was founded here, and Dubricius was consecrated first bishop in the fifth century, by St. Lupus and Germanus. The cathedral was built in 1120, Urban being bishop, and exhibits a beautiful specimen of the pure Norman style.

LLANTONY ABBEY, Monmouthshire, built 1110.

LLEWELLIN, the last prince of the Welsh, defeated, and his head put on the Tower of London, 1286.

LOCK HOSPITAL, Knightsbridge, instituted 1746.

LOCKE, JOHN, an eminent English philosopher and writer, was born at Wrington, near Bristol, in 1632. In 1651 he was sent to Christchurch, Oxford. In 1655 he took his degree of bachelor of arts, and in 1658 that of master of arts. In 1664 he went to Germany as secretary to Sir William Swan, envoy from the English court to the elector of Brandenburg. In 1670 he began to form the plan of his "Essay on Human Understanding." In 1685, when the duke of Monmouth and his party were active in Holland, the English

envoy at the Hague demanded him and 83 other persons to be delivered up by the states-general; and he was obliged to conceal himself till the following year. At the revolution he returned to England in the fleet which conveyed the princess of Orange. In 1690 he published his celebrated "Essay on Human Understanding." He also published several other works, and died October 28, 1704, aged 73.

LOCKHART, JOHN HUGH, the Hugh Little-John of Sir Walter Scott, died December, 1831, aged 11 years.

LOCUST, a destructive insect, the gryllus migratorius of Linnæus. This species, originally a native of Tartary, frequently take their flight in such immense swarms, that they obscure the light of the sun. In the year 593, after a great drought, these animals appeared in such vast legions as to cause a famine in many countries. In 852 immense swarms took their flight from the eastern regions into the west, devouring the corn so rapidly as to destroy, on computation, 140 acres in a day. In 1271 all the corn-fields of Milan were destroyed; and in 1339 all those of Lombardy. In 1541 incredible hosts afflicted Poland, Wallachia, and all the adjoining territories. In 1693 some swarms of locusts (probably of this species) settled in Wales. The species that visited this country in 1748, was certainly of this kind. A large swarm passed over Warsaw, June 17, 1816; swarms also appeared at Aschersleben, in Prussia, the same year.

LODI, town, Lombardo-Venetian Kingdom, was founded by the Emperor Barbarossa. Napoleon made his first display of heroism here in 1796, by leading the French over the bridge of Lodi, under the fire of a battery of artillery that swept the bridge from end to end.

LOFFI, CAPEL, the patron of Bloomfield, died 1824, aged 73.

LOGAN, JOHN, poet, born 1748, died 1788.

LOGARITHMS, invented by Napier, published 1617. Proposed change of the base by Briggs, 1615. Logarithmic sines, &c., calculated, and logarithmic scale constructed, by Gunter, about 1620. Changed to the present form by Briggs, in 1633. The other improvements have been unimportant. Dr. Hutton's tables, published in 1785, contain the logarithms of numbers from 1 to 100,000, to 7 decimals; logarithms to 20 places; 61 places, &c.

LOLLARDS, a religious sect which arose in Germany, so called from Walter Lollard, who began to teach his sentiments in 1315, and was burnt at Cologne. They rejected the sacrifice of the mass, extreme unction, and penances for sin. Charles, duke of Burgundy, in 1472, obtained a bull from Pope Sixtus IV., ordaining that the Lollards should be ranked among the religious orders, and delivered from the jurisdiction of the bishops; and Pope Julius II. granted them yet greater privileges in the year 1506. In England, the followers of Wickliffe were so called, by way of reproach, from an affinity between some of their tenets.

LOMBARDO-VENETIAN KINGDOM, Austrian empire, comprehending the states of Venice and Lombardy, with the duchies of Mantua and Milan. The name was given since the Congress of Vienna, in 1815.

LOMBARDY, a country in the northern part of Italy, corresponding nearly to the Cisalpine Gaul of the Romans. The Lombards of Scandinavian origin were invited by Narses into Italy, where they founded their kingdom, under Alboinus, 568; their laws were formed into a system in 644. They were defeated by Charlemagne, and their kingdom destroyed 774.

LOMBE, SIR THOMAS, introducer of the silk-mill into England, from Piedmont, died 1739.

LONDON, the metropolis of Great Britain, and with Westminster forming the largest city in the world: it contains 80 squares, and 9000 streets, lanes, rows, alleys, &c.; the houses in which exceed 170,000 and the population 1,500,000. The present site of London was said to be occupied as a British town before the arrival of the Romans. Tacitus says, that about the year 61, Londinium, or Colonia Augusta, was the chief residence of merchants, and the great mart of trade and commerce. About the year 64 it was burned by the Britons under Boadicea, and the greater part of the inhabitants massacred. It was soon restored by the Romans, and it increased so much, that in the reign of the emperor Severus, was called by Herodian "a great and wealthy city." Constantine made this city a bishop's see; it appears that the bishops of London and York, and another English bishop, were at the council of Arles in 314.

Under the Saxons, London gradually

increased in extent and influence, and about the year 819 it became, and has since continued to be, the metropolis of England. William the Conqueror, at his accession to the throne, granted to the citizens a charter, still preserved among the city archives. In 1077 the greater part of the city was reduced to ashes by fire, and in 1086 it again suffered from a like calamity. The city flourished under Henry I. and Stephen. On the death of Henry II. the title of the first magistrate of London was changed from that of portreeve to that of bailiff; and in 1189 he claimed and acted in the office of the chief butler at the coronation of Richard I., which privilege is still retained by the chief magistrate of the city. Henry III. greatly oppressed, and frequently exacted money from, the citizens; in consequence of which they, being alarmed, demanded and obtained from him a confirmation of the Magna Charta at Westminster, in the year 1225.

During the reign of Charles II., in 1665, London was ravaged by the most virulent plague ever known in Britain; it appeared with violence in the months of July, August, and September, after a very warm season. In September the fury of the disease began to abate, and it totally disappeared in the winter: it was computed that 100,000 persons were carried off by this dreadful malady. The plague was speedily followed by the great fire of London, Sept. 2, 1666. See FIRE. The city was re-built in little more than four years, in such a manner as greatly to surpass the ancient capital in point of health, convenience, and general arrangement. In 1780 London was greatly disturbed by a riot, in consequence of a bill brought into parliament for the relief of the Roman Catholics. The malcontents, with Lord George Gordon at their head, assembled in St. George's Fields, and proceeded to destroy the Roman Catholic chapels. The disturbance continued for about seven days; it was at length quelled, and about 20 of the principal rioters were executed.

The Metropolis Improvement Committee, in their reports made to the House of Commons, in June and July, 1840, recommended the adoption of several plans for enlarging and continuing old thoroughfares, and making new ones; towards accomplishing which a sum of £510,000, to be raised on the

produce of wine and coal duties, levied by the port of London, is proposed to be applied; the City revenues furnishing £23,000 additional. In order to raise the required sum, the wine and coal duties will have to be continued for four years beyond 1858, the time limited by the acts 10th and 11th George IV., passed for the purpose of providing funds for making the London Bridge approaches.

LORD MAYOR, the chief magistrate of the city of London, at the commencement of the reign of Richard I. was denominated bailiff. Henry Fitz Alwyn was the first who bore the name of mayor, in 1191. Edward III., in 1354, granted the mayor the privilege of having gold and silver maces carried before him; a privilege hitherto belonging only to royalty. From that period the chief magistrate has borne the title of Lord Mayor.

The following is a list of lord mayors from 1760, with the dates of their entering upon their office:—

Sir Mathur Blackerton, Knight..	1760
Sir Samuel Fludyer, Bart.	1761
William Beckford.....	1762
William Bridged	1763
Sir William Stephenson	1764
George Nelson	1765
Robert Kite	1766
Right Hon. Thomas Harley	1767
Samuel Turner.....	1768
Wm. Beckford, Bart. Trecothick..	1769
Brass Crosby	1770
William Nash	1771
James Townshend	1772
Frederick Bull	1773
John Wilkes.....	1774
John Sawbridge	1775
Sir Thomas Halifax.....	1776
Sir James Esdaile.....	1777
Samuel Plumbe	1778
Brackley Kennet	1779
Sir Watkin Lewes, Knt.	1780
Sir William Plomer, Knt.	1781
Nat. Newnham	1782
Robert Peckham	1783
Richard Clark	1784
Thomas Wright	1785
Thomas Sainsbury	1786
John Burnell.....	1787
William Gill	1788
William Pickett	1789
John Boydel	1790
John Hopkins.....	1791
Sir James Saunderson.....	1792

Paul Le Mesurier.....	1793
Thomas Skinner	1794
William Curtis.....	1795
Brook Watson.....	1796
John William Anderson.....	1797
Sir Richard Carr Glyn, Bart.....	1798
Harvey C. Combe	1799
Sir William Staines, Knt.	1800
Sir John Eamer	1801
Charles Price.....	1802
John Perring.....	1803
Peter Perchard	1804
James Shaw	1805
Sir William Leighton	1806
John Ainsley	1807
Charles Flower.....	1808
Thomas Smith	1809
Joshua Jonathan Smith	1810
Sir Claudius Stephen Hunter....	1811
George Scholey.....	1812
Sir William Domville, Bart.	1813
Samuel Birch	1814
Matthew Wood	1815
Christopher Smith	1816
John Atkins	1817
George Bridges	1818
John T. Thorpe	1819
Christopher Magnay	1820
William Heygate	1821
Robert Waithman	1822
John Garratt.....	1823
William Venables.....	1824
Anthony Brown	1825
Matthias P. Lucas.....	1826
William Thompson	1827
John Crowder	1828
John Key	1829
Sir John Key, Bart.....	1830
Sir Peter Laurie, Knt.....	1831
Charles Farebrother.....	1832
Henry Winchester	1833
William T. Copeland	1834
Thomas Kelly	1835
Sir John Cowan, Bart.	1836
Samuel Wilson.....	1837
Sir Chapman Marshall	1838
Thomas Johnson	1839
Thomas Johnson	1840

LONDON ASSURANCE OFFICE, Institution commenced 1805; was incorporated 1815.

LONDON EAST INDIAMAN, run down by the Russell, man-of-war, when she sunk, and 1100 persons perished Dec. 28, 1778.

LONDON HOSPITAL, Mile End, instituted 1740; foundation laid June 10, 1752; incorporated 1758; medical theatre opened Oct. 27, 1785.

LONDON INSTITUTION, first stone of the new building laid in the amphitheatre, Moorfields, November 4, 1815.

LONDON STONE, Cannon Street first placed there by the Romans, A.C.15.

LONDON UNIVERSITY. See UNIVERSITY.

LONDON WALL built 306.

LONDONDERRY, a city in Ireland, was erected into a bishop's see in 1158. The most conspicuous event in the history of this city is that commonly called "The Siege of Derry," on which occasion the citizens sustained a close siege from the month of December, 1688, to August, 1689, from the whole force of the Irish army, in the interest of James II. of England.

LONDONDERRY, MARQUIS OF, born 1763, destroyed himself 1822.

LONG, MR. ST. JOHN, tried at the Old Bailey, October 30, 1830, and found guilty of manslaughter, in the case of Miss Cashin, whose death was occasioned by injudicious treatment. His sentence was a fine of £250. In a similar case of Mrs. Lloyd, he was tried and acquitted, Feb. 19, 1831.

LONGEVITY. Immediately after the creation, the ordinary age was 900 and upwards. After the flood, when there were three persons to stock the world, their age was cut shorter, and none of those patriarchs but Shem, arrived at the age of 500. In the second century after the Deluge, we find none that reached 240; in the third, none but Terah that reached 200. By degrees, as the number of people increased, their longevity dwindled, till it came down at length to the present age of three score years and ten.

From the First Annual Report of the Registrar-General of England in 1837-8, it appears that in the whole of England and Wales, out of 1000 deaths, 145 had been at the age of 70 and upwards; while in the North-Riding and northern part of West-Riding of Yorkshire, and in Durham, excluding the mining districts, the proportion had been as high as 210. In Northumberland, excluding the mining district, Cumberland, Westmoreland, and the north of Lancashire the proportion had been 198; in Norfolk and Suffolk 196; in Devonshire 192, and in Cornwall, 188. In the metropolis and its suburbs the proportion who had died at 70 and upwards had been only 104. In 'the

northern counties of England, in Wiltshire, Dorset, and Devon, in Hertfordshire and Monmouthshire, and in Wales, the deaths at that age, out of 1000 of all ages, had scarcely exceeded 180.

The following are some of the most remarkable instances of longevity on record, which are exceptions to the general age :—

Names.	Age.	Residence.	Death.
Galen, physician	140	Pergamus	361
Marc Albuna	150	Ethiopia	—
Thomas Parr	152	Shropshire	1635
James Bowles	152	Killingworth, War- wickshire	1656
J. Laurence	140	Scotland	1668
Henry Jenkins	169	Yorkshire	1670
Robert Montgomery . .	126	Ditto	—
James Sands	140	Staffordshire	—
His Wife	120	Ditto	—
Countess of Desmond . .	140	Ireland	—
Countess of Ecleston . .	143	Ditto	1691
Col. Thomas Winslow . .	146	Ditto	1766
John Mount	136	Scotland	—
A. Goldsmith	140	France	—
Mary Yates	128	Shropshire	—
John Bales	126	Northampton	—
Francis Consist	150	Yorkshire	1768
Francis Bons	121	France	1769
Christ. J. Drakenberg . .	146	Norway	1770
Margaret Forster	136	Cumberland	1771
John Tice	125	Worcester	1774
John Brooky	134	Devonshire	1777
William Ellis	130	Liverpool	1780
James Brown	120	Cornwall	1781
Richard Loyd	133	Montgomery	1781
William Postell	120	France	—
A woman of Belfast . . .	123	—	1808
Martha Hannah	126	Ireland	1808
Mary Meighan	129	Donoughmore	1813
Mary Innes	127	Glasnakilly, Isle of Sky	1814
John Woods	122	Dungannon	1818
David Ferguson	124	Boughton	1818
Mrs. Starr Barrett	120	Charleston, N. Ame. . .	1820
R. Lynch, a negro slave	150	Jamaica	1821
John Maddock	121	Holloway-Head	1821
Joseph Ram, a black . .	146	Jamaica	1827
William Mortimer	125	Straffan, Ireland	1833

LONGINUS, DIONYSIUS, a celebrated Greek writer and critic, who flourished in the third century, was probably born at Athens, where he published his "Treatise on the Sublime," for which he is so deservedly celebrated. He was executed by order of the emperor Aurelian in 273.

LONGITUDE, the distance of any point or place reckoned east or west on

the equator, and from that point of it which is called the first meridian. The Fortunate Islands, supposed to be the Canaries, taken by the ancients as the first meridian were about 17° W. long. from Greenwich. The western extremity of Africa as then known, taken by Abulfeda, the Arabian geographer, was about 7° W. long. Terceira was taken by the Portuguese and Spaniards in the 16th

century; 27° 10' W. long.: Teneriffe by the Dutch in the 16th century; 16° 30' W. long.: Ferro by all nations in the 17th and 18th centuries; 17° 30' W. long. Afterwards the European nations fixed their first meridian to that passing through their capital city, or some remarkable spot within their dominions. Thus, with the English, the meridian passing through the observatory at Greenwich is universally adopted as the first meridian.

Methods for finding the latitude have long been discovered; but an easy practicable method for determining the longitude was long a desideratum. The cross-staff began to be employed by seamen towards the beginning of the 16th century. About 1664 Dr. Hooke and M. Huygens adapted the pendulum spring to watches, chiefly for the purpose of discovering the longitude at sea. This led to the adoption of the chronometer, which was brought to perfection at the commencement of the present century. See CHRONOMETER.

LOPE DE VEGA, Spanish dramatist, born 1562, died 1635.

LOPES, SIR M. M., fined £10,000, and imprisoned in Exeter gaol for bribing the electors of Grampound; born 1755, died 1831.

LORCA, a city of Murcia in Spain, destroyed by the bursting of a reservoir that inundated more than 20 leagues, and carried away 1000 persons, besides cattle, &c., April 30, 1802.

LORD AUCKLAND'S group of islands in the South Sea, discovered by Captain Bristow, 1809.

LORD HIGH STEWARD. The first appointed for a coronation was Thomas, second son of Henry IV. The first for the trial of a peer was Edward, earl of Devon, on the arraignment of John, earl of Huntingdon, in the same reign.

LORD MAYOR'S SHOW instituted 1453; the feast added the first time 1501.

LORETTO, a town in Italy, States of the Church. It contains a church in which is the Santa Casa, the Holy House, said to have been the house of the Virgin Mary, with an image of the Virgin, which was traditionally carried by the angels in 1291 from Galilee to Dalmatia, and thence in 1295 to Italy. The image was forcibly carried to Paris by the French in 1796, but was restored with great pomp, Dec. 9, 1802.

L'ORIENT, French man-of-war, 120 guns, blown up at Aboukir, August 1, 1798.

LORINERS' COMPANY, incorporated 1488.

LORRAINE, CLAUDE, or **CLAUDE GILLEE**, an eminent landscape painter, was born at Chamagne in Lorraine 1600. The works of Claude are very numerous, and many of the most celebrated have found their way into the collections of England. He died in 1682, aged 82.

LOTTERIES. The first in England mentioned in history was drawn at the western door of St. Paul's Cathedral 1569, consisting of 40,000 lots, at 10s. each lot. The drawing began January 11, and continued till May 6, following. In 1612 James I. granted permission for a lottery to be held also at the west end of St. Paul's, of which the highest prize was "of the value of 4000 crowns in fair plate." Soon afterwards lotteries were suppressed by an order of council. They were revived in 1630, when Charles I. granted to a company, who undertook to supply London with water, a special licence to establish a lottery. After the revolution public lotteries were resorted to, among other expedients, for raising part of the extraordinary sums necessary for the public service. In 1698 an act passed for suppressing private lotteries; but the buying and selling of chances, and parts of chances, of tickets in the state lotteries became a general practice, till it was prohibited by an act passed in 1718.

In the reign of Queen Anne, lotteries were suppressed as nuisances to the public; since that time, however, state lotteries have been licensed by act of parliament, under various regulations. The act passed in 1778 restricts any person from keeping an office for the sale of tickets, shares, or chances; or for buying, selling, ensuring, or registering, without a licence. Another state lottery act, enacting various new regulations, was passed 49 George III. c. 94.

LOUGHTON-HALL, Essex, the seat of William Whittaker Maitland, Esq., the high sheriff for the county of Essex, destroyed by fire, and property to the amount of between £20,000 and £30,000 consumed, Dec. 11, 1836

LOUIS XIV., king of France, surnamed Le Grand, succeeded to the throne in 1643. By his impolitic and unjust revocation of the edict of Nantz,

in 1685, he obliged the Protestants to take shelter in England, Holland, and different parts of Germany, where they established the silk manufactures, to the great prejudice of their own country. He at length raised against himself a confederacy of almost all the princes of Europe; at the head of which was King William III. of England. For some years France seemed to have attained the highest pitch of military glory; but at length, having provoked the English by repeated infidelities, their arms under the duke of Marlborough, and those of Austria under Prince Eugene, rendered the latter part of Louis's life as miserable as the beginning of it was splendid. His reign, from the year 1702 to 1711, was one continued series of defeats and calamities. He was only saved by the peace of Utrecht, in 1713, and died in September, 1715.

LOUIS XVI., king of France, ascended the throne in 1774, in the 20th year of his age. Some disturbances having arisen, the legislative assembly of the nation, the States-general, which had not met since the year 1614, were assembled at Versailles on May 4, 1789, assuming the title of the National Assembly. This gave rise to commotions in Paris, which ended in the flight of the royal family. On June 21, 1791, it was announced from the Tuileries, that the king, the queen, the dauphin, with Monsieur and Madame, had quitted the palace and capital, without leaving any information of their intentions or their route. They proceeded in safety till they reached Verennes, when Louis was recognised by Drouet, the postmaster of St. Menehould, and detained.

In 1792, after the massacre of the Swiss Guards, the National Assembly, under the influence of a turbulent auditory, that in fact dictated laws to the lawgivers, passed a series of acts, "declaring the executive power suspended; the authority given by the constitution to Louis XVI. from that moment revoked;" and inviting the people to meet in primary assemblies to form a national convention, to assemble on Sept. 20. Louis XVI. was in the mean time conveyed, under a strong escort, to the Temple, while a decree of accusation was issued against several of his late ministers. On Dec. 11, Louis was ordered to the bar of the Convention; the act of accusation was read,

and the king was summoned by the president, Barrère, to answer to each separate charge. On January 16, 1793, the trial closed; and after a sitting of nearly 34 hours, the punishment of death was awarded. On Monday, January 21, at eight o'clock in the morning, the unfortunate monarch was summoned to his fate. He ascended the scaffold with a firm air and step. Raising his voice, he said, "Frenchmen, I die innocent; I pardon all my enemies." When they offered to bind his hands, he started back as if about to resist; but, recollecting himself in a moment, submitted, and the instrument of death descended. Thus fell Louis XVI., a monarch possessed of good talents, a benevolent temper, and a sincere desire to promote the good of his people; but he was too tenacious of power, and deficient in that candour of character, and directness of purpose, which a sovereign owes to the people over whom he is placed. It would have been happier for him if, from the breaking out of the revolution, he had acted a more open and decided part; but this may be excused when we consider the manners of the court in which he was educated, and the influence of the courtiers by whom he was surrounded.

LOUIS XVIII., king of France, was born at Versailles, Nov. 17, 1755. In 1791 he secretly fled from Paris to Coblenz, where he organized the system of emigration; and by his intrigues in the interior, accelerated the more fatal events of the revolution. He retired to Petersburg, and was allowed a pension by the emperor of Russia, April 3, 1793; landed at Yarmouth under the title of Count de Lille, Oct. 6, 1807; was recalled to the throne; made a public entry into London, April 21, 1814; sailed from Dover April 23, reached Compeigne April 29, Paris, May 3; fled from Napoleon, March 21, 1815; resumed the government July, 1815. During many years Louis was a prey to serious infirmities, the results of intemperance. His enormous appetite gave rise to many laughable stories, which was the cause of his death. The state of the king's blood brought on a paralysis, when the disease made such rapid progress, that he died Sept. 16, 1824, in his 69th year.

LOUIS PHILIPPE, duke of Orleans, acknowledged king of the French by the Chamber of Deputies, Aug. 7, 1830. A conspiracy to dethrone him and re-esta-



LOUIS XVI.

Louis

blish the late dynasty, detected in Paris Feb. 1, 1832. About 300 arrests took place, and large sums of money, received as bribes, were found on the persons of some of the prisoners. The assassination of Louis Philippe by the Infernal Machine attempted at Paris in 1835; also other attempts in 1836; again in 1840. See FRANCE, p. 490, 491.

LOUISBURGH, city, British North America, capital of Cape Breton, was taken from the French by an English and American force in 1745, but restored in 1748. It was retaken by the British in 1758, and its fortifications have since been demolished.

LOUISIANA, one of the United States. In 1682 the country was explored by La Salle, and named Louisiana, in honour of Louis XIV. A French settlement was begun at Iberville in 1699, and in 1717 New Orleans was founded. In 1803 the extensive country of Louisiana, comprising all the territory now belonging to the United States, lying west from the Mississippi, was purchased from France for the sum of 15,000,000 dollars, and in 1812 the southern portion of this country was admitted into the Union as an independent state. In the war between Great Britain and the United States, a formidable armament invaded Louisiana. Four engagements took place, in which the British were repulsed; the last occurred on Jan. 8, 1815; after which they withdrew and abandoned the attempt.

LOUVAIN, town, Belgium, contains a university, founded in 1426 by John IV., duke of Brabant, suppressed during the French revolution, and re-established in 1817; number of students 580.

LOUVRE, at Paris, built 1552; the front completed 1688; first exhibition of painting and sculpture opened there, August 22, 1740; stripped of the treasures of art of which Napoleon had despoiled other nations, 1815.

LOVAT, SIMON FRASER, LORD, engaged in the rebellion of 1745; was beheaded April 2, 1747.

LOVELACE, RICHARD, soldier and poet, born 1618, died 1658.

LOWESTOFT, Suffolk. Its harbour with a magnificent swing bridge, works connected with the Norwich and Lowestoft navigation, were finished under the direction of Mr. Cubit in 1830, by which the commerce of this town has been greatly benefited.

LOWTH, DR. ROBERT, an eminent prelate and writer, was born November 29, 1710. In 1730 he was admitted into New College, Oxford; and took the degree of master of arts in 1737. In 1754 that university conferred upon him the degree of doctor of divinity by diploma. In June 1766 he was preferred to the bishopric of St. David's; and in October following, promoted to that of Oxford. In this office he remained till 1777, when he was translated to the see of London. He died at Fulham, Nov. 3, 1787. In 1762 was published his "Short Introduction to English Grammar," which has since gone through many editions, and in 1778 his great work, "A Translation of Isaiah." "To the world he was a benefit by his exemplary life and his splendid abilities. And, whilst virtue and learning are revered among men, the memory of Lowth will be respected and admired."

LOYOLA, IGNATIUS, the founder of the order of Jesuits, was born in Spain in the year 1491. At the siege of Pampluna, in 1521, his right leg having been broken, during the slow progress of his cure, he met with a "Life of the Saints," which powerfully impressed his mind, and led to the establishment of the order. See JESUITS. He died in 1556, and was canonized in 1609 by Paul V.

LUBECK, or LUBEC, one of the four free cities of the German confederacy. It was founded by Adolphus II., count of Holstein-Schaumburgh, in 1144, who, 10 years afterwards, ceded it to Henry the Lion, duke of Saxony. Henry made it a free port, and gave it the celebrated Lubeck code, afterwards adopted by many of the German cities. In 1226 it became a free city of the empire, and was subsequently at the head of the Hanseatic union. When the constitution of the empire was abolished in 1806, Lubeck, though disconnected from the rest of Germany, remained a free Hanseatic city. After the battle of Lubeck, Nov 6, 1806, it was taken and pillaged by the French. In 1810 it formed part of the French department of the mouths of the Elbe. It capitulated to the allied Austrians, Russians, and Prussians, Dec. 5, 1813. By the congress of Vienna, Lubeck was again declared a free city.

LUCAN, the author of "Pharsalia," born at Corduba in Spain, Nov. 11, 37. Condemned and bled to death in a bath, April 30, 64.

LUCCA, duchy, north of Italy, was originally a colony of the Romans, which on the fall of the Lombard kingdom in 774, was added by Charlemagne to his territories, and annexed by Otho I. to his German dominions. During the middle ages it was repeatedly sold by its masters, but finally obtained its freedom in 1370, from the Emperor Charles IV. The French obliged it to adopt a new constitution, and in 1797 it was given to Bacciocchi, brother-in-law to Napoleon, as a principality. In 1815 the Austrians took possession of it, and by an act of the congress of Vienna it was granted to the Infanta Maria Louisa, daughter of Charles IV. of Spain, who accepted the government in 1818, after the reversion of Parma was secured to her.

LUCERNE, canton, Switzerland, joined the Swiss confederacy in 1332; it was one of 11 cantons in which fundamental changes in the cantonal constitutions were demanded by the people, in October, 1830

LUCIA, St., one of the Caribbee islands. The English first settled in this island in 1637, but were driven out by the natives in 1638; the French afterwards occupied it, but were massacred in 1656. It was then considered neutral until 1763, when it was ceded to France. It was taken by the English, in 1779, and 1794; again, May 31, 1796; again, June 22, 1803; with whom it remains.

LUCIAN, author of "Dialogues of the Dead," flourished A.C. 100.

LUCIUS, the first christian king of Britain, reigned 77 years. He founded the first church in London, at St. Peter's, Cornhill, which was made the see of an archbishop, till removed to Canterbury 179. He died 180.

LUCON, principal of the Philippine islands. It was discovered by Magellan, in 1521, and conquered by the Spaniards in 1571, under whose government it still continues.

LUCRETIA, the celebrated Roman matron, wife of Collatinus, a noble Roman; being ravished by Sextus, the eldest son of Tarquin, king of Rome, stabbed herself A.C. 509.

LUCRETIUS, one of the most celebrated of the Roman poets, was born of an ancient and noble family, about A.C. 96; killed himself in a fit of insanity A.C. 54.

LUDLOW, EDWARD, republican general and writer, born 1620, died 1693.

LUDWIG, C. T., botanist, born 1769, died 1773.

LUKE, St., wrote his gospel 55; died about 70, aged 80 years. Festival of instituted 1090.

LULWORTH CASTLE, Dorsetshire, built 1610. Charles X., king of France, took up his residence here, August 24, 1830, and left it Oct. 16, following.

LUNEVILLE, PEACE OF, between the French republic and the Emperor of Germany, February 9, 1801. This treaty confirmed the cessions made by the treaty of Campo Formio, stipulating that the Rhine, to the Dutch territories, should form the boundary of France, and recognizing the independence of the Batavian, Helvetic, Ligurian, and Cisalpine republics.

LUTHER, MARTIN, the celebrated reformer, was born at Eisleben, in Saxony, in 1483. In 1501 he entered the university of Erfurt, and took his degree of M.A. when he was scarcely 20 years of age. The death of a friend by the discharge of a thunder cloud, so sensibly affected him, that he retired from the world. Having passed a year in the monastery of Erfurt, he took the vows, and was in 1507 admitted to priest's orders. In 1510 Luther was sent to Rome by the monks of his order, to get some disputes between them and their vicar-general settled by the Pope; where he made his observations on the government of the church of Rome. On his return to Wittemburg in 1512, he had the degree of doctor of divinity conferred upon him.

In the year 1517 he attacked, with all the vehemence in his power from the pulpit, in the great church of Wittemburg, the vices of those monks who openly distributed indulgences. He tried their doctrines by the standard of scripture, and exhorted his hearers to look for salvation to the means appointed by God in his holy word. The boldness and fervour with which he uttered his exhortations did not fail to make a deep and lasting impression on the people. Shortly after, Leo X. issued an order for his appearing at Rome to justify himself; but the reformer was allowed to be heard at Augsburg, instead of being obliged to travel to Rome, where Cardinal Cajetan was appointed to try the merits of the question. He arrived at Augsburg in the month of October, 1518. The cardinal required Luther, by virtue of the

apostolic powers, to retract his opinions. Being determined to maintain them, he withdrew, and sought the protection of the elector of Saxony. On June 15, 1520, a bull was issued, in which 41 propositions, extracted from Luther's works, were condemned as heretical, and all persons were forbidden to read his writings on pain of excommunication. On the accession of Charles V., he was cited before the diet at Worms. On his appearance he resisted all solicitations and threatenings on the measure of recantation. He was finally ordered by the emperor to leave Worms. In October 1524, Luther threw off the monastic habit, and soon after married Catherine de Bore, a lady who had been a nun. In 1530 he furnished the materials for the Protestant confession of faith, to be presented by the leaders of the Reformation at the Diet of Augsburg. In Feb. 1537, an assembly was held at Smalkald, about matters of religion, to which Luther and Melancthon were called. His health now began to be impaired, so that there were no hopes of his recovery, and he expired on Feb. 18, 1546, in his 63d year.

LUXEMBURG, a province of Belgium, was erected into a duchy by the German emperor in 1354, and formed a part of the Austrian Netherlands. In 1815 it was granted to the king of the Netherlands. The possession of this province was for some time a subject of dispute. By the treaty of the 24 articles it was ceded to Holland in 1838.

LUXOR, a village of Upper Egypt, occupying the site of ancient Thebes. A curious monument from these ruins, called the Luxor Obelisk, was set up in the Place de la Concorde at Paris, October 25, 1836. It is the smaller of two monolithes of red granite, discovered in front of the ruins of the palace of Luxor, supposed to be 4000 years old. It is covered with curious inscriptions, which have been explained by M. Champollion. The conveyance, the laying down, and the accessories, cost 560,000 francs; the granite base upwards of 190,000 francs; so that, altogether, this monolithe has cost the French government 1,700,000 francs.

LUXURY restricted by an English law, wherein the prelates and nobility were confined to two courses every meal, 1337. An edict was issued by Charles VI., of France, which says, "Let no one presume to treat with more than a soup and two dishes," 1340.

LYCOPHRON, a Greek poet and grammarian, author of "Cassandra," flourished A.C. 300.

LYCURGUS, the Spartan lawgiver, born 926; established his code of laws in Lacedæmonia, A.C. 884, and died in Crete, A.C. 872. The laws of Lycurgus were abrogated by Philopœmen, A.C. 188, but the Romans soon re-established them.

LYDGATE, JOHN, the poet and historian, born 1380, died 1440.

LYDIA, kingdom of, began in some form in 1223. Said to be regularly founded by Dejoces in 708; destroyed by Cyrus 548.

LYING-IN-HOSPITAL, Old-street, began to be built 1770.

LYON, CAPTAIN, R.N., a celebrated traveller and navigator, born 1796, died 1833.

LYONS, the second city in France, and an archiepiscopal see; made by Augustus the capital of Celtic Gaul. In the reign of Nero it was burned to the ground. In the 5th century the Burgundians made it their capital. During the revolution the fortifications and many buildings were demolished, the name abolished, and that of Ville Affranchie substituted for it; but it was afterwards restored. In 1814 it was the theatre of several bloody actions between the French and the allies. Capitulated to the Austrians, July 12, 1815. Revolutionary movements against the Bourbons suppressed, January 1816. Alarming riots at Lyons, November 31, 1831, in consequence of a dispute between the working weavers, their employers, and the civic authorities, respecting the rate of wages. Again, in 1834, April 5, to 15, at the trial of some workmen for their connection with former riots, such demonstrations were made by their companions as rendered it necessary to call in the military, and keep them in readiness to act. The conflict between them and the military began soon after, and did not terminate until the 15th, when it was ascertained that the troops had lost 2000 men in killed and wounded; and it was calculated that the killed and wounded among the insurgents were from 6000 to 8000.

LYON'S-INN SOCIETY founded in 1420.

LYSANDER, an eminent Spartan commander. He defeated Conon at Ægospotamus, A.C. 405; took Athens

404. The Spartan troops were defeated and Lysander killed, A.C. 394.

LYSIAS, a Greek actor, born about A.C. 459, died aged 81.

LYSIMACHUS, elected king of Macedon, A.C. 286; slain in battle A.C. 281.

LYSONS, SAMUEL, antiquary, the author of the "Environs of London," died in 1819.

LYSONS, DANIEL, physician, died 1800.

LYTTLETON, LORD GEORGE, was born in January 1708-9. In 1744 he was appointed one of the lords of the treasury. He occupied several posts under government, but at the dissolution

of the ministry in 1759 he went out of office. As a politician, his speeches on the Scotch and Mutiny bills, in 1747; on the naturalization of the Jews, in 1753; and on the privilege of parliament, in 1763, hold him out to public estimation. He died in August, 1773, in the 64th year of his age. He chiefly devoted the latter years of his life to literature, and was author of "A Dissertation on the Conversion of St. Paul," which has ever been regarded as a masterly performance.

LYTTLETON, CHARLES, bishop of Carlisle, the antiquarian, brother of the above. He died in 1768.

M.

MABILLON, J., a diplomatic writer and biographer, born 1632, died 1707.

MABLEY, ABBE' DE, a political writer, born 1709, died 1785.

MACADAM, JOHN LONDON, projector of the improved system of road-making, died November 26, 1836, aged 81.

MACAO, a peninsula, China, was granted to the Portuguese in 1580, as a reward for assistance afforded by them to the Chinese against a body of pirates.

MACARTHY, SIR C., killed in an action with the Ashantees, January 21, 1824.

MACARTNEY, GEORGE, EARL OF, was born in Ireland, 1737. In 1764 he was appointed envoy extraordinary to the empress of Russia. In 1792 he was selected as the fittest person for ambassador from the king of Great Britain to the emperor of China, to obtain permission for the permanent residence of a British ambassador at that court. This being refused, he returned over land. He entered Canton in December 1793, and arrived in England September 1794. He died March 31, 1806.

MACASSAR, a settlement in the island of Celebes, was at its height about the middle of the 12th century. The Portuguese settled here about 1525, but were expelled by the Dutch in 1660. The British took possession of it in 1810, but restored it in 1814.

MACAULAY, ZACHARY, F.R.S., distinguished for his talents and his philanthropic and religious character, was editor

of the "Christian Observer" from its commencement in 1802 till 1816; and for more than 40 years he dedicated his eminent talents and active energies, in conjunction with Messrs. Wilberforce, Stephen, Buxton, and other distinguished philanthropists, to the abolition of the slave trade and colonial slavery. He died May 13, 1838, aged 70.

MACCABEES, GOVERNMENT OF, began at Jerusalem, A.C. 163.

MACCHIAVELLI, MACHIAVAL, NICHOLAS, political writer, born at Florence 1469. He was employed in embassies to King Louis XII. of France to the Emperor Maximilian; to the college of cardinals; to the pope, Julius II., and to other Italian princes. He died in 1530. His principal works are, "The Golden Ass;" "Discourses on the First Decade of Livy," &c. Of all his writings, that which has made the most noise, is his political treatise, entitled the "Prince."

MACEDON, or MACEDONIA, a celebrated kingdom of Greece, commenced by Caranus, an Argive, a descendant of Hercules, about A.C. 800, who conducted a small colony of his countrymen into this inland district. A.C. 547, the kings of Macedon became tributary to the Persian emperors; but they insensibly extended their possessions and authority, and paved the way for the prosperous reign of Philip and the succeeding conquests of Alexander. See ALEXANDER. Macedon was made a Roman province, A.C. 168.

MAC GILL, REV. DR., eminent professor of divinity in the university of Glasgow. He was ordained at Eastwood September 8, 1791, inducted to the Tron Church, October 12, 1797, and appointed professor of divinity in 1814. He died August 18, 1840, aged 75.

MACHINERY, POWER OF. In 1792 the machinery in operation in England was equal to the labour of 10,000,000 of labourers; in 1827 to 200,000,000; and in 1833 to 400,000,000.

MACKENZIE, HENRY, author of "The Man of Feeling," &c., died 1831.

MACKEREL first allowed by statute to be cried through the streets of London on Sundays, 1698.

MACKINTOSH, SIR JAMES, was born at Alldowrie, in the county of Inverness, Scotland, Oct. 24, 1765. In 1787 he took the degree of M.D., but was diverted from his professional studies to the science of politics. In 1791 he acquired considerable celebrity as the antagonist of Mr. Burke, in "Vindiciæ Gallicæ, or a Defence of the French Revolution." In 1803 he was made recorder of Bombay, on which occasion he received the honour of knighthood, December 21. He obtained in July, 1813, a seat in the house of commons, as member for the county of Nairn. In 1818 he was elected for Knaresborough, through the influence of the duke of Devonshire; and was re-chosen at the subsequent elections of 1820, 1826, 1830, and 1831. He was appointed one of the commissioners for the affairs of India, Dec. 1, 1830. He was elected Lord Rector of the university of Glasgow in 1822, and again in 1823. He died May 30, 1832, aged 67.

MACKLIN, CHARLES, the comedian, died July 11, 1797, aged 97.

MACLAURIN, COLIN, an eminent Scotch mathematician, was born at Kilmoddan in 1698. In 1740 the Royal Academy adjudged him a prize for solving the motion of the tides from the theory of gravity. His elaborate "Treatise on Fluxions" was published at Edinburgh in 1742, and which is reckoned the most complete one on that science that has ever appeared. In 1745, having been very active in fortifying the city of Edinburgh against the rebel army, he was obliged to flee into the north of England, where he died June, 1746, aged 48.

MACMAHON, LORD, hanged for high treason, Nov. 1, 1644.

MACNEILL, HECTOR, Scotch poet, author of "Will and Jean," born 1746, died 1818.

MACPHERSON, JAMES, a Scotch poet and historian, was born at Ruthven, Inverness, in 1738. In 1760 he published "Fragments of Ancient Poetry, collected in the Highlands of Scotland, and translated from the Gaelic and Erse language." These pieces met with an extraordinary degree of admiration, and gave rise afterwards to the publication of the poems which profess to be the production of Ossian, the son of Fingal, king of Scotland, respecting which much dispute has arisen in the literary world. He died in Feb., 1796.

MACQUER, J., chemist, born 1718, died 1784.

MACROBIUS, the author of "Saturnalia," flourished in the fourth century of the christian era.

MADAGASCAR, island, Indian Ocean, was first known to Europeans by Marco Polo in the 13th century; visited by the Portuguese in the beginning of the 16th century. The French made attempts to found colonies there in the 17th century, but abandoned the island after many severe struggles with the natives. Their chief settlement was Port-Dauphin on the south-eastern coast. In 1745 they made new efforts, but without success. In 1814 it was claimed by England, as a dependency on Mauritius. One of the native kings named Radama, consented in 1820 to relinquish the slave-trade, on condition that ten Madagasses should be sent to England, and ten to Mauritius for education. Those sent to England were placed under the care of the London Missionary Society, who sent missionaries and mechanics to Madagascar. This enterprising king died in 1828, having been poisoned by his wife, who immediately seized the throne. The event introduced great anarchy, and the missionaries were banished from the island. An embassy from the queen of that country was sent to his late majesty, William IV., in 1837, consisting of six officers in the service of the queen, who had an audience of his majesty at Windsor.

MADEIRAS, group of islands, North Pacific Ocean, discovered by Zarco, a Portuguese navigator in 1419. In 1801 a British squadron took temporary posses-

sion of these islands, in order to preserve them from the French, but restored them at the peace of Amiens. In 1807 Great Britain again occupied them in trust for her ally. They were taken possession of by the expedition sent out by Don Miguel, August 23, 1828. On receiving intelligence that Don Miguel had capitulated, the islands declared for Donna Maria 1834.

MADISON, JAMES, ex-president of the United States of America, a native of Virginia, and brought up for the bar. At the age of 22 he held a situation under the government, and was afterwards constantly employed in a variety of important offices. He was appointed secretary of state in 1800, during the presidency of Mr. Jefferson; and he was chosen president on Mr. Jefferson's retirement in 1808. He died July 30, 1836, aged 78.

MADOX, ISAAC, an English controversial writer, born 1697, died 1759.

MADRAS, southern presidency, Hindoostan, so called after the name of its capital on the Coromandel coast. The territory was ceded to the East India Company 1639, by the reigning prince of Bijanagur, with permission to erect a fort, afterwards called Fort St. George, erected in 1640. In 1653 Madras was raised to the rank of a presidency. The native population soon assembled round the English fortress; and in 1687 amounted to 300,000 persons. In 1744 Madras was taken by the French, and retained by them for five years. During their occupancy the Black Town was almost destroyed, and the materials used in constructing a glacis and enlarging the fortifications. At the peace of Aix-la-Chapelle in 1749, Madras was restored to the British, in whose possession it has ever since continued.

MADRID, capital of Spain, was for a long time an inconsiderable place belonging to the archbishop of Toledo; but Philip II. made it the capital of the kingdom, and permanently fixed the court here in 1563. The French took possession of it in March, 1808; and on May 2, the inhabitants rose up in arms to expel them from the city, when a terrible carnage ensued, which lasted for several hours. On July 20 following Joseph Buonaparte entered it, but was obliged to abandon it soon afterwards. On December 2, it was retaken by Napoleon, who reinstated his brother on

the throne, which he retained until Aug. 1812, when Madrid was entered by the British army under the duke of Wellington. The French again took possession of it in the November following, but finally evacuated it in 1813. The inhabitants took part in a revolutionary movement in 1820, when the king was compelled to restore the constitution of the Cortes of 1812. In the French expedition into Spain in 1823, Madrid was again entered by the French under the duke of Angoulême. A revolution took place here August 12, 1836; Isturitz, the prime minister, made his escape, reached Lisbon, and from thence he proceeded to England. Madrid was declared in a state of siege, in consequence of riots in that city, by the captain-general Antonio Quiroga October, 1839; the siege was raised Nov. 14.

MADURA, district, Hindoostan, first taken by the British in 1757, and ceded to them in 1801.

MAESTRICHT, city, Belgium, was taken from the Spaniards by the Dutch 1632; From the Dutch by France 1673; restored to them in 1679; besieged by the French in 1748; unsuccessfully attacked by them in 1793; and taken by them in 1794. In 1814 it was delivered up to the allied armies.

MAGDALEN HOSPITAL instituted in Prescott-street, Goodman's-fields, 1758; and built in St. George's-fields 1772.

MAGEE, DR. WILLIAM, archbishop of Dublin, bishop of Glandelagh, and primate of Ireland, born in 1765. His celebrated "Discourses on the Scriptural Doctrine of the Atonement and Sacrifices," were published in 1801. He was advanced in 1813 to the deanery of Cork; in 1819 he was consecrated bishop of Raphoe, and in 1822, was translated to the see of Dublin. He died August 19, 1831, aged 66.

MAGELLAN, STRAITS OF, a passage between the Atlantic and Pacific oceans, discovered by Ferdinando Magellan, or Magalhaens, in the service of the crown of Spain, about the end of October, 1520. Having landed upon Matan, and taken part in a quarrel between some of the native tribes, Magellan was wounded in the leg by an arrow, beaten down, and at last slain with a lance in 1521,

MAGIC LANTERN, first invented by Roger Bacon in 1252.

MAGNA CHARTA, the great charter of the liberties of Britain, and the basis of our laws and privileges. It was signed and sealed by king John in a conference between the king and barons at Runing Medd, or Runnemedede, between Windsor and Staines, June 15, 1215, and afterwards confirmed in the 37th year of Henry III., and by 25 Edw. I. This charter protected every individual of the nation in the free enjoyment of his life, his liberty, and his property, unless declared to be forfeited by the judgment of his peers, or the law of the land.

MAGNETISM. The power of the loadstone or magnet was known to the ancients. Its application to the mariner's compass introduced into Europe before 1150. See **COMPASS**. North and south poles of the magnet described by Norman 1581. Experiments on magnetism by Dr. Gilbert; making of artificial magnets explained by him in his treatise "De Magnete et Corporibus Magneticis," published in 1600. The analogy existing between electricity, galvanism and magnetism, suggested by Van Swinden, Ritter, and others, in the middle of the 18th century; established by Oersted 1807.

1838. On November 30, Professor Gauss of Gottingen received from the Royal Society a Copley medal, for his recent improvements in the methods of making magnetic observations, and for his theoretical investigations relative to terrestrial magnetism. By the use of magnetical bars from one to twenty-five pounds in weight, by a multitude of ingenious and delicate applications of principles never before brought into combination, Professor Gauss has given to magnetic determinations the precision of astronomical observations; and, in fact, may almost be said to have created anew this important department of science.

1839. Prof. Lloyd having observed to the British Association, that the phenomena of terrestrial magnetism could not be determined by one magnet, his researches have been directed to ascertain the best position of three magnets, so as in the least degree to affect each other, and work out this problem. One magnet should be placed in the line of the magnetic meridian, and is termed the declination magnet; the second, perpendicular to it, representing the horizontal force; and the third, representing

the vertical force, at the angle opposite the base of the other two. By the positions of these three magnets, we have four indeterminate arbitrary angles, by which we are enabled to fulfil four equations of conditions; and thus the relative action is rendered nothing, and the mutual action of the three magnets destroyed. A gallery of about 40 feet in length is most practically convenient for the placing of the three magnets. The result arrived at by Prof. Lloyd is exceedingly interesting, in relation to the observatories about to be erected in the British colonies, and the solution of the difficult problem of terrestrial magnetism.

MAHOMET, or **MOHAMMED**, the impostor of Arabia, was born at Mecca, in the reign of Anushirwan the Just, emperor of Persia, May 5, 570. His father Abd'allah was a younger son of Abd'almotaleb. Abu Taleb, Mahomet's uncle, instructed him in the business of a merchant, and afterwards recommended him to Khadijah, a noble and rich widow, who employed him as her factor; and he behaved so well that she afterwards married him, and thus raised him to an equality with the richest merchants in Mecca. After he had lived at his ease for some time, he formed the scheme of establishing a new religion. For this purpose he retired with his family to a cave in Mount Hara, about 604, where he opened the secret of his mission to his wife, telling her that the angel Gabriel had just before appeared to him, and told him that he was the apostle of God. The prophet commenced his career in the month of Ramaden, in the 40th year of his age, and his sect commenced about 622. He died in 631. He possessed good natural talents, a retentive memory, and promptness of judgment. Ambition was nevertheless the ruling passion of his later years; and the means by which he sought to gain his object were such as could not be justified on any of the common principles of morality.

MAHMOUD II., late sultan of the Ottoman empire, remarkable for the vigour of his character, was born July 20, 1785, ascended the throne in 1808, at about 23 years old. His mother was the daughter of a French merchant at Martinique, who, at the age of 13 was taken prisoner by an Algerine ship of war, and carried into Algiers. The constitution

of the sultan's mind, as well as the sentiments he had adopted by education, disqualified him for patiently suffering the old order of things to remain; he therefore, as a first step to a change of politics, determined on the destruction of the Janissaries, which he accomplished in 1826. See **JANISSARIES**. After a reign of nearly 31 years, in which he uniformly opposed the established abuses in Turkey, he died July 1, 1839, in the 54th year of his age.

MAHRATTA TERRITORY, country Hindoostan. The Mahrattas first became known to Europeans towards the close of the 18th century, when the sovereigns abandoned the government to their ministers, the peishwahs. On the accession of Ram Rajah, the last of the royal family, in 1740, at the age of eight years, he was confined by his minister to the fortress Sattarah. In 1802 the reigning peishwah became dependent on the British. The remaining portions of this once extensive empire have almost all become subject to the authority of Great Britain.

MAIDSTONE, Kent. On Penenden Heath, about a mile north-east from the town, a county court was held in 1071 for the trial of a cause, said to have been the first instance of trial by jury in this kingdom.

MAIL COACHES first established to Bristol 1784; to other parts of England, and an act to regulate and encourage them, and exempt them from tolls, 1785; introduced into Ireland by Mr. Anderson in 1790.

MAINE, state, member of the North American Union. The first permanent settlement was about the year 1630, and for several years the government of the colony was administered in the name of Sir Fernando Gorges. In 1652 Maine was placed under the jurisdiction of Massachusetts. From that time it was styled the district of Maine until 1820, when it was erected into an independent state.

MAINTENON, MADAME DE, the widow of Carron, and wife of Louis XIV., died in 1719 aged 84.

MAIRE, JAMES LE, Dutch navigator, died 1622.

MAISON-DIEU, hospital, Dover, built 1229.

MAITLAND, WILLIAM, the historian of London, died 1757.

MAIZE, or **INDIAN CORN**, supposed

to be indigenous to South America, being the only species of corn cultivated in the New World previously to its discovery. It was introduced into the Continent about the beginning, and into England a little after the middle of the 16th century. It has been raised in England in nursery gardens near the metropolis, for more than a century; and, recently, it has been attempted to raise it in the fields, but with indifferent success.

MAJORCA, island, Mediterranean sea, the largest of the Balearic islands. It assisted the Carthaginians in the second Punic war, but was afterwards overrun by the Romans A.C. 122. It was subsequently seized by the Vandals, who were expelled by the Moors A.D. 800. The latter, with some interruptions, held it until 1229, when Don Jayme, grandson of Alphonso II., king of Arragon, made an expedition against the island, exterminated the Moors, and established in it a new kingdom. This was again destroyed in 1341, and the island has ever since been subject to Spain.

MALABAR, district, Hindoostan. This coast, the first part of India visited by Europeans, was discovered by Vasco de Gama, who landed at Calicut in May, 1498. Malabar was partially subdued by Hyder Ali in 1761; more fully subjugated in 1782; placed under the British government 1803.

MALACCA, city, India, was founded in 1252 by the last king of Singapoer. In 1508 it was taken by the Portuguese, and became their principal settlement. In 1640 it was taken from the Portuguese by the Dutch, who retained it until 1795, when it was subjected by a British force; it was restored in 1801, recaptured in 1807, and again given up in 1815, but was fully received in exchange for the British settlements in Sumatra, and occupied by the British authorities in 1825.

MALACHI, the prophet, flourished A.C. 397.

MALAGA, town, Spain, was founded by the Phœnicians, and called, originally, Malacha. It was taken by the Moors in 714, and retained by them until 1487. It was taken by the French, Feb. 5, 1810; evacuated by them March 17, 1810.

MALAY PIRATES. Twenty-six double-decked Malay proas, manned with upwards of 1000 men, repulsed off Manilla, by Lieutenant Elliott and 41 men, in a government falwa (viz., a large open

boat,) armed with one brass gun in the bow, four swivels in the stern, and small arms. Cannon Register, May 24, 1836.

MALCOLM, MAJOR-GEN. JOHN, author of the "History of Persia," died 1833.

MALEBRANCHE, NICHOLAS, a French philosopher, author of the "Search after Truth," born 1638, died 1715.

MALESHERBE, CHRISTIAN WILLIAM, DE LAMOIGNON DE, born at Paris in 1721. He was chosen minister of state under Louis XVI. in 1775; but owing to the rejection of some important measures which his zeal for the public good led him to propose, resigned his post in May, 1776; was condemned by the convention in 1794, and received the stroke of the guillotine in April, in the 73d year of his age.

MALIBRAN, DE BERIOT, an excellent vocal actress, born at Paris, 1808, died at Manchester, Sept. 23, 1836.

MALLET, DAVID, dramatic author, died 1765.

MALONE, EDMUND, dramatic critic, born 1741, died 1812.

MALPIGHI, the anatomist, born 1628, died 1694.

MALPLAQUET, village, France, the scene of a sanguinary battle, fought on September 11, 1709, between the French army commanded by Marshal Villars, and the British under the duke of Marlborough and Prince Eugene, in which the former were defeated, though the latter lost 20,000 men.

MALT TAX established 1667; increased 1760; new-modelled 1766. Tax repealed by 11 Geo. IV. c. 17, May 29, 1830, entitled "An act to alter and amend an Act of the 7th and 8th Geo. IV. c. 52, for consolidating and amending the laws of excise on malt made in the United Kingdom, and for amending the laws relating to brewers in Ireland, and the malt allowance on spirits in Scotland and Ireland."

MALTA, an island in the Mediterranean sea, was early in the hands of the Carthaginians; they were dispossessed by the Romans, who were driven out by the Arabs in 828, and expelled in their turn by Roger the Norman, earl of Sicily, who took possession of it in 1190. From this time it continued under the power of the Sicilian princes till it was conquered by Charles V. In 1530 it was conferred by him on the knights of

St. John, after their expulsion from Rhodes by the Turks. It was strongly fortified by the knights, and underwent several memorable sieges, the most celebrated of which took place in 1565, which lasted for four months, and terminated unsuccessfully to the Turkish assailants. In 1798 Buonaparte took possession of Malta, on his expedition to Egypt; in 1800 the French garrison was compelled by famine to capitulate to a British force. In 1814 the possession of it was confirmed to Great Britain by the treaty of Paris.

MALTA, KNIGHTS OF, originally called Hospitallers of St. John of Jerusalem, a religious military order, the foundation of which was laid by opening a house for the reception of pilgrims at Jerusalem, 1048; became a regular monastic order 1099, and a military order 1118; they took Rhodes, and were called Knights of Rhodes, 1310. Being expelled from thence by the Turks, the emperor Charles V. gave them the island of Malta, 1530; and they were called Knights of Malta. In 1566 they sustained the memorable siege against the armies of Solyman, and did other great exploits against the infidels, 1595. Conspiracy at Malta to destroy the whole order, for which 125 Turkish slaves suffered death, June 26, 1749.

MALTE BRUN, CONRADE, the geographer, died 1826.

MALTHUS, REV. T. R., author of the "Essay on Population," died 1835, aged 68.

MALUS, S., mathematician, born 1775, died 1812.

MAMELUKES, MAMALUKES, OR MAMLOUKS, a dynasty that reigned in Egypt for a considerable time, were originally Turkish and Circassian slaves, who were introduced into Egypt in consequence of an expedition which took place in 1227. The Sultan of Egypt, Malek Salah, about 1230, purchased 12,000 of these young men, whom he designed to be his guard and marine. He died in 1249, and was succeeded by his son, Turan Shah; whom, in 1250, the Mamelukes deposed and massacred; and this event commenced the dynasty of the Mamelukes of Egypt, which continued till 1517. See EGYPT, p. 415.

MAMMOTH, a name given by the Russians to the fossil remains of an antediluvian animal. A skeleton of one was discovered at Ilford, in Essex, 16 feet

below the surface of the ground, May 1, 1824.

MAN, ISLE OF, was known to the Romans under the name of Monoeda, and Monabia. After Britain was abandoned by the Romans, it was seized by the Scots, who were expelled by the British prince Cunedda. In 1270 Alexander III. of Scotland obtained full possession of it by purchase; it remained subject to Scotland until 1340, when Sir William de Montacute, afterwards earl of Salisbury, conquered the isle with the sanction of his sovereign, Edward III., by whose command he was crowned king of Man in 1344. In 1406, having been forfeited by rebellion, it was granted by the crown to Sir John Stanley, whose descendant was created by Henry VII., earl of Derby, in 1486. It was surrendered to the royalists in the civil war, in Oct. 1651. The isle was given by parliament, in 1652, to Lord Fairfax; but on the restoration of Charles II., it reverted to the Derby family, who held it till 1735, when James, the 10th earl, dying without issue, it was transferred to the duke of Athol. The duke was induced, in 1765, to surrender the sovereignty of the island to the British government for the sum of £70,000, and the Isle of Man has, since that time, formed an integral part of the British empire. In 1805 an act of parliament was passed, securing to the duke and his heirs one-fourth of the gross revenue of the island; and in 1825 another act was passed, granting to the family of the duke, as the purchase of their remaining interest in the island, the sum of £416,000.

MANBY, CAPTAIN, inventor of the method of preserving shipwrecked persons, born 1765.

MANCHESTER, county of Lancaster. Its origin may be traced back before the time of the Romans, who conquered it under Agricola, in 79. It is mentioned, in the reign of Edward IV., as noted for the production of various woollen goods. In the reign of James I. a pestilence raged there, which carried off nearly 1000 persons. During the civil wars this place warmly espoused the cause of the parliament against Charles I., and it was besieged by a strong force under the earl of Derby. Its commercial superiority may be dated from about the year 1758. Its subsequent increase and improvement have

been materially influenced by the invention of machinery for the abridgment of labour. In 1781, two years previous to the introduction of Arkwright's machines, the quantity of cotton-wool imported annually, was but 5,198,778 pounds; but after the successive inventions or improvements of Higs, Hargreaves, Arkwright, Crompton, and Watt, the quantity of goods manufactured was augmented more than thirty-fold. There were in 1825, in the parish of Manchester alone, more than 20,000 steam-looms in motion; and it appears that since that period the number has increased. See COTTON.

MANDEVILLE, SIR J., the traveller, died 1372.

MANDEVILLE, BERNARD, author of the "Table of the Bees," died 1733, aged 65.

MANETHO, an ancient Egyptian historian, who was high priest of Heliopolis, in the time of Ptolemy Philadelphus, about A.C. 304. His History of Egypt in Greek, though in a great measure fabulous, is often quoted by Josephus and other ancient authors.

MANFREDI, EUSTACIO, astronomer, born 1674, died 1739.

MANHEIM, town, Grand Duchy of Baden, has suffered much from the effects of war. It was devastated by the Bavarians in 1662; in the destruction of the palatinate, almost all the houses were demolished. Having been rebuilt by its princes, it was bombarded in 1795 by the republican armies of France, and a great many of its buildings were reduced to ashes. Retaken by the Austrians, Nov. 22, 1795, with 10,338 prisoners, four generals, and 400 guns, besides stores. Was taken by the French 1796, but retaken by the Austrians, Sept. 18, 1799. Its commerce and manufactures have, however, contributed to restore it to its ancient prosperity.

MANICHEES, or MANICHEANS, a sect of ancient heretics, which had its rise about the year 277, and spread itself principally in Arabia, Egypt, and Africa. They were the followers of Manes, who made his appearance in the reign of the emperor Probus, pretending to be the Comforter whom our Saviour promised to send into the world.

MANILLA, city of the island of Luzon, chief of the Philippines, and metropolis of the Spanish settlements there. Most of the public sanctuaries are built

of wood, on account of the frequent earthquakes, by one of which, in 1617, a mountain was levelled; and, in 1625, a third part of the city was overthrown by another, when 3000 persons perished in the ruins. In 1762 the English took this city by storm, and suffered the archbishop to ransom it for about a million sterling. A destructive fire took place here March 26, 1833, by which 10,000 bamboo huts were destroyed, 50 lives lost, 30,000 Indians left houseless, and an extent of three miles of country laid waste.

MANLIUS, MARCUS, a distinguished Roman general, thrown down from the Tarpeian rock, A.C. 484.

MANSFIELD, LORD CHIEF JUSTICE, died March 15, 1793, aged 89.

MANSION HOUSE, city of London, built 1739, first inhabited 1752, and cost £42,638 18s. 8d.

MANTUA, an ancient town of Italy, founded about 300 years before Rome, celebrated as the birthplace of Virgil. After the fall of the Roman empire it became a free and independent state, subject to its own dukes, about 200 years; but the last of these princes having taken up arms against the Austrian interest, was driven from his dominions, and died in exile at Padua, in 1708. It surrendered to the French, February 1, 1797, and was retaken July 28, 1799, by the Russians and Austrians, after a long siege. It is at present subject to the archduchess Maria Louisa, late empress of France.

MAPS invented by Anaximander, who flourished about A.C. 400; improved by Ptolemy, and published about A.D. 140. Maps and charts introduced into England by Bartholomew Columbus, 1489. The first map of England published 1520, by George Lilly; the first of Russia 1560.

GEOLOGICAL MAPS introduced about 1810; greatly improved about 1838. At the meeting of the British Association that year, new geological maps were exhibited and explained by Mr. Murchison and Mr. Griffiths. Professor Buckland said, "Mr. Murchison's new map must now be a standard work to the end of time."

MAR, EARL OF, sentenced to two years' imprisonment by the High Court of Justiciary at Edinburgh, for shooting at Mr. Oldham, a clergyman, December 17, 1831.

MAR, MR., and family, murdered under circumstances of peculiar atrocity, at Radcliffe-highway, December 7, 1811.

MARALDI, JAMES PHILIP, an Italian mathematician and astronomer, was born at Perinaldo, in Nice, in 1665. His uncle, the celebrated Cassini, sent him to France in 1687, where he acquired great reputation on account of his learning and observation. In 1700 he was employed by Cassini in prolonging the French meridian to the southern extremity of that kingdom. His catalogue of the fixed stars is more particular and exact than Bayer's. He died in 1729, in his 65th year.

MARANA, author of "The Turkish Spy," born 1642, died 1693.

MARAT, the French demagogue, assassinated by Charlotte Cordoy, 1793.

MARATHON, a village of Attica, ten miles from Athens, celebrated as the scene of Miltiades's victory over the Persians, by which the liberties of Athens and other cities of Greece were saved, A.C. 490.

MARC ANTONY. See **ANTONY**.

MARCLEY HILL, near Hereford, was moved from its situation February 17, 1571. It carried along with it the trees, hedges, and cattle, on its surface, overthrew a chapel in its way, and formed a large hill 12 fathoms high, where it settled, having left a chasm 40 feet deep, and 30 long.

MARCO POLO, or PAULO. See **PAULO**.

MARCOU, ST., ISLES, on the coast of France, taken by Sir Sidney Smith in July 1795, and ably defended by Lieutenant Price against the French troops, May 7, 1798.

MACROSS, Glamorganshire, cliff at, fell and spread 300,000 tons of limestone on the beach, August, 1833.

MARET, HUGUES BERNARD, duke of Bassano, grand officer of the legion of honour, and a distinguished French political writer. He embraced with enthusiasm the cause of the first French revolution, and was the publisher of the "Bulletin de l'Assemblée," until the bookseller, Panckouke, founded the "Moniteur," of which Maret was appointed chief editor, and which became the official paper of the government. After acting an important part in public affairs in various offices, he was, in 1814, appointed minister of foreign affairs,

with the title of duke of Bassano. On the second restoration of the Bourbons he was banished from France, and retired to Gratz; but after the revolution of July, 1830, he again returned to France, and was reinstated in his former honours. He died in 1839, aged 81.

MARGARET, countess of Richmond and Derby, mother of King Henry VII., died June 29, 1509.

MARGARET, countess of Salisbury, daughter of the duke of Clarence, brother of Edward IV., beheaded May 27, 1541, aged 70.

MARGARET, queen of Henry VI., with her son, taken prisoners at the battle of Tewkesbury, May 4, 1471.

MARGATE, Kent. Though a place of considerable antiquity, it has risen to importance only since 1787, when an act of parliament was procured for rebuilding the pier with stone. This town has attained its present celebrity in consequence of the facilities afforded for sea-bathing. The pier was considerably injured by a violent storm in 1808, when a new pier, terminating with a stone jetty, was erected, and completed in 1824. The new pier constructed under the direction of Mr. John Rennie, at the expense of £90,000, is built of Whitby stone; it is 900 feet in length, 60 feet where broadest, and 26 feet in height, with a parapet of four feet and a half.

MARIA ANTOINETTE, queen of France, guillotined Oct. 16, 1793.

MARIA LOUISA, consort of Napoleon, obtained the states of Parma, Placentia, and Guastalla, by the treaty of Fontainebleau, April 11, 1814.

MARIEGALANTE, island, West Indies, discovered 1493; colonised by the French in 1647; conquered by the British during the revolutionary war, but afterwards restored.

MARIENBURGH, in Prussia, founded by the Teutonic knights, 1231.

MARINE SOCIETY established 1756, to whom W. Hicks, Esq. left £300 per annum 1763. Incorporated 1772.

MARIUS, CAIUS, a Roman general, born at Arpinum, of an obscure family, was made tribune A.C. 119; prætor A.C. 116. He went into Africa as lieutenant to the consul Metellus against Jugurtha, A.C. 109; defeated the Teutones, 102; civil war between him and Sylla, 88; he joined Cinna, entered Rome like a conqueror, and filled it with blood; they

made themselves consuls A.C. 86; but Marius died 16 days after A.U.C. 666.

MARK, ST., wrote his gospel 44; died 68; his festival celebrated 1090.

MARK, ST., order of, began at Venice 830; revived 1562.

MARK'S, ST., PALACE, Venice, built 450.

MARK'S, ST., CHURCH, at Venice, built 826.

MARLBOROUGH, JOHN CHURCHILL, DUKE OF, was born at Ashe, in Devonshire, in 1650. He was made page of honour to the duke of York, afterwards King James II. when only 12 years of age. In 1666 he was made an ensign in the guards. In 1672 he attended the duke of Monmouth, who commanded a body of auxiliaries in the French service. In 1673 he was at the siege of Maestricht, where he displayed so much courage, that the king of France made him a public acknowledgment of his service. After the abdication of James II., he was one of the noblemen who voted that the throne was vacant: and the prince and princess of Orange were in consequence declared king and queen of England. In 1689 he was appointed one of the privy-council, and raised to the dignity of earl of Marlborough. In 1690 he was made general of the forces sent to Ireland, where he took the strong garrisons of Cork and Kinsale prisoners of war. In 1692 he was suddenly dismissed from all his employments, and committed to the Tower. Being restored to favour in 1698, he was appointed governor to the duke of Gloucester.

Upon the accession of Queen Anne, he was declared captain-general of all her majesty's forces. After his first campaign in 1702, he was created marquis of Blandford and duke of Marlborough. On the battle of Blenheim, 1704, he received congratulatory letters from most of the potentates in Europe, and this was followed by several other successful campaigns. At the change of the ministry in 1710, owing to political intrigues, he was disgraced, and his interest daily declined, till the death of the queen. He attended on King George I. in his public entry through London, who appointed him captain-general, colonel of the first regiment of foot guards, one of the commissioners for the government of Chelsea Hospital, and master-general of the ordnance. Some years before his death he retired from public

business. He died at Windsor-Lodge in 1722, in his 73d year.

MARMONTEL, a French writer, author of "Moral Tales," born 1723, died 1799.

MOROT, CLEMENT, a French poet, born 1495, died 1544.

MARQUESAS, a group of islands, South Pacific Ocean, consists of two groups named the Marquesas and Washington Islands: the former discovered in 1596 by the Spanish navigator Alvaro Mendana; the other was first visited in 1791 by an American named Ingraham; and then in 1792 by Marchand. They were examined in 1804 with some attention by Krusenstern, and have since been frequently touched by British and American ships. They were recently visited by the Hon. W. Waldegrave, R.N., and also by Mr. Williams, the missionary about 1830. But the missionaries have not succeeded in establishing permanent stations.

MARQUESS, or MARQUIS, a title of honour, next in dignity to that of duke; first introduced in the reign of Richard II., when Robert Vere, earl of Oxford, was created marquis of Dublin, in the 80th year of his age.

MARRIAGE. The law relative to the solemnization of marriage in England was formerly in a very undefined state. By the ancient law a marriage was good if celebrated in the presence of two witnesses, though without the intervention of a priest; then came the decision of the Council of Trent 1545, rendering the solemnization by a priest necessary. The archbishop of Canterbury had authority to grant special licences, derived from the 25 Henry VIII. c. 21. Henry, in furtherance of of his quarrel with the pope, caused an act to be passed, 32 Henry VIII. c. 38, by which he declared all persons to be lawful "that be not prohibited by God's law to marry," and that "no reservation or prohibition, God's law excepted, shall trouble or impeach any marriage within the Levitical degrees." During the commonwealth, a great number of marriages were solemnized by justices of the peace. Doubts having been raised about their validity, an act was passed the 12 Charles II. c. 33, entitled "An act for confirmation of marriage," in which all such marriages solemnized from May 1, 1642, were confirmed.

There were a number of chapels in

privileged places in London, claiming exemption from episcopal visitation. Of these, the chapel in the Fleet prison acquired the most infamous notoriety. In the Registration Act, 6 and 7 Will. III. c. 6, a clause is introduced, declaring that "no person shall be married at any place pretending to be exempt from the visitation of the bishop of the diocese without a licence, first had and obtained, except the banns shall be published and certified according to law." Again, in the 10th Anne, c. 18, it is enacted that "every parson, vicar, or curate, or other person in holy orders, beneficed or not beneficed, who should, after the 24th of June, 1712, marry any person in any church or chapel exempt or not exempt, or in any other place whatsoever, without publication of the banns of matrimony, &c., should forfeit £100, and a similar penalty was made applicable to gaolers and keepers of prisons for permitting, or conniving at, clandestine marriages."

Lord Hardwicke's bill, called the Marriage act of 1753, 26 Geo. II. c. 53, "An act for the better preventing clandestine marriages," took effect from the 25th of March, 1754; and Burn tells us, that so eager were all parties to be beforehand with the law, that on that day no less than 217 marriages were celebrated at the Fleet, "which," he adds, "were the last of the Fleet weddings."

This act continued in full force till the recent act, 6 & 7 Will. IV. c. 85, Aug. 17, 1836, entitled "An act for marriages in England." The following are the principal provisions:—After March 1, 1837, all rules prescribed by the Rubric are to continue to be observed by clergymen; but marriages may be solemnized at other places on production of the registrar's certificate, as hereafter provided. Marriages of Quakers and Jews may be solemnized as at present, when both parties are members of those bodies, and notice be given as hereafter provided. Notice of every intended marriage to be given to the superintendent registrar of the district within which the parties shall have dwelt for not less than seven days then next preceding; or if they dwell in different districts, then to the superintendent registrar of each district, and shall state therein the name and surname, and the profession or condition of each of the parties intending marriage, the dwelling place of each of them, and the time, not being less than seven

days, during which each has dwelt therein, and the church or other building in which the marriage is to be solemnized. Places of worship may be registered for solemnizing marriages therein, on application of the trustees, &c., and on removal of the same congregation, the new place of worship may be immediately registered, instead of the one disused. Marriages may be solemnized in such registered places in the presence of some registrar, and of two witnesses; but it must be with open doors between 8 and 12 in the forenoon. And persons objecting to marry in such registered places, may marry before the superintendent registrar and some registrar of the district, and in the presence of two witnesses.

Under this act the member of the established church may be married as heretofore, if he chooses; the dissenter may be married with or without religious rites, as he pleases; and both marriages are equally valid in the eye of the law. The machinery for registering dissenting places of worship, for the purpose of solemnizing marriages, is sufficiently free and unrestricted, consistently with a due provision for guarding against the evils which were put an end to by Lord Hardwicke's act, while it removed the obligations which were felt as infringements upon the rights of conscience which that act perpetuated.

MARS, one of the primary planets. The spots on the disc of Mars were first discovered by Dr. Hook in 1665; and from their motion he concluded that the planet revolves about its axis. M. Cassini, also in 1666, observed spots on the two hemispheres of Mars, which performed one revolution in 24 hours; and in 1670 Maraldi repeated these observations of Cassini; and before the year 1720 the motion and period of this planet were satisfactorily determined.

MARSEILLES, department, mouths of the Rhone, France, founded by a Greek colony from Phocis about A.C. 600. In the 11th century it erected itself into a republic, and was united to the crown of France in the reign of Louis XIV. In 1720 the plague broke out here and carried off about 60,000 inhabitants. Marseilles was agitated along with all other parts of France by the troubles of the revolution; and in 1793 it was entered by the forces of the convention. In January, 1794,

the Jacobins dreading a counter-revolution, ordered the inhabitants to be disarmed and the town to be declared in a state of rebellion. It was not restored to tranquillity till the assumption of power by Buonaparte in 1799.

MARSH, HERBERT, D.D., F.R.S., &c. bishop of Peterborough, professor of divinity in the University of Cambridge, and author of many theological works and controversial publications, died May 1, 1839.

MARSTON, LONG, Yorkshire. Near this place is Marston Moor, celebrated for the defeat sustained by prince Rupert in 1644, from the parliamentary army.

MARTABAN, town, Birman empire, was captured by the British, Nov. 1824; but by the provisions of the treaty of 1826, relinquishing the north bank of the Saluen, it was restored to the Burmese.

MARTIAL, MARCUS VALERIUS, the Latin epigrammatist, born at Bilboa, 34, died 109.

MARTIN, RICHARD, the founder of the Humane Society for the Protection of Animals, died 1835, aged 80.

MARTIN, Rev. THOMAS, author of "Flora Cantabrigiensis," died 1825.

MARTINIQUE, or MARTINICO, one of the largest of the Caribbee islands, was first colonized by M. Desnambuc, a Frenchman, in 1635. The French confined themselves at first to the culture of tobacco and cotton; that of sugar was not begun till about 1650. Ten years after, cocoa trees became the principal support of the colonists; but by the inclemency of the season, in 1718, all the trees were destroyed. The culture of coffee was then begun, and attended with the greatest success. The war of 1744, however, put a stop to its prosperity, till the freedom of trade was restored by the return of peace. Martinique fell into the hands of the British in 1794; was restored to France by the treaty of peace in 1801; was several times taken and retaken till it again reverted to the French at the general peace in 1815. It suffered from an earthquake in 1839, by which nearly half of Fort Royal was destroyed, nearly 700 persons killed, and the whole much damaged.

MARTIN'S, ST., a Danish island in the West Indies, taken by the English, March 24, 1801.

MARTYN, JOHN, professor of botany at Cambridge, born Sept. 12, 1699, died Jan. 29, 1768, in the 69th year of his age.

MARTYN, JUSTIN, a Christian father, who flourished in the second century, was born in Flavia Neapolis, anciently called Sichem, a city of Samaria, in Palestine. His conversion happened about 132. In 140 he presented his first apology to the emperor Antoninus Pius. He suffered martyrdom about 164.

MARTYR, PETER, a celebrated reformer, was born at Florence in 1500. About 1542 he was invited to Strasburg, where he filled, for the space of five years, the theological chair. In 1546 he married a nun who had escaped from a convent and became a protestant. In the following year he was sent to England by King Edward VI., and made professor of divinity at Oxford, in 1549. He wrote a great number of works, and died in 1562.

MARUM, DR. MARTIN VAN, secretary to the Batavian Society of Sciences, at Haarlem, who superintended the publication of their transactions for many years. It was under his directions that the great electrical machine belonging to the Teylerian Museum was constructed; and he published in 1795 and 1800, the results of a very extensive series of experiments on the various forms of electrical phenomena which were produced by it; and more particularly with reference to a comparison of its effects with those produced by a powerful voltaic pile, which were undertaken at the express request of Volta himself. Dr. Van Marum was remarkable for his very various acquirements, and was the author of many memoirs in the Haarlem and other transactions, on botanical, chemical, physical, and other subjects. He was a man of the most simple habits, and of the most amiable character, and devoted himself most zealously, during the greatest part of a very long life, to the cultivation of science, and to the promotion of the interests of the establishment over which he presided. He died 1838.

MARVEL, ANDREW, the incorruptible patriot and senator, born 1620, died 1678, in a state of so virtuous indigence, that he was interred at the expense of his constituents.

MARY, Queen of England, born Feb. 11, 1516, proclaimed July 9, 1553, and crowned Oct. 1 following. Married Philip of Spain, July 15, 1554, died Nov. 17, 1558; was buried at Westminster.

MARY, Queen of Scots, daughter of James V., was born Dec. 8, 1542. At six years of age she was conveyed to France, where she received her education in the court of Henry II. She married the dauphin in 1558, when her husband received the crown matrimonial of Scotland. On the death of Henry II. he became king of France: he died after a reign of 16 months. Mary next married Henry Stuart, Lord Darnley, July 29, 1565. On Feb. 10, 1567, the house in which he resided was blown up with gunpowder, and his dead body, without any marks of violence, was found in an adjoining field. Mary married the earl of Bothwell, May 15, following. She was soon after obliged to resign the crown, and was thrown into prison. In the castle of Fotheringay she was beheaded on Feb. 8, 1787, in the 45th year of her age. Twenty years afterwards her bones were, by order of her son, King James I., removed to Westminster, and deposited among those of the kings of England.

MASON, REV. WILLIAM, author of "The English Garden," born 1725, died 1797.

MASONS' COMPANY, London, incorporated 1677.

MARYLAND, one of the United States of North America, was granted by Charles I. to George Calvert, Lord Baltimore. The first settlement was formed by his son Leonard Calvert, together with about 200 Catholics, in 1634; and it was named Maryland, from Henrietta Maria, the queen of Charles. In 1687 the government was taken from Lord Baltimore, and Mr. Copley was appointed governor by commission from William and Mary in 1692, when the protestant religion was established by law. The constitution of this state was formed in 1776.

MASKELYNE, REV. NEVIL, astronomer-royal, and institutor of the "Nautical Almanack," died 1811.

MASS, first celebrated in Latin 394, introduced into England 680; prostration required at the elevation of the host, 1202.

MASSACHUSETTS, one of the United States of North America, and one of the earliest colonies from England. The first settlement was formed by 101 persons who fled from religious persecution in England, landed at Plymouth, Dec. 22, 1620, and laid the foundation of Plymouth colony. The territory of

Massachusetts comprised, for many years after its first settlement, two separate colonies, styled the Plymouth colony and the colony of Massachusetts Bay. The constitution of this state was framed in 1780, and amended in 1821.

MASSACRE, the sudden and promiscuous butchery of a multitude. The following are some of the most remarkable massacres recorded in history:—

A.C. 397. Of all the Carthaginians in Sicily.

331. 2000 Tyrians crucified, and 8000 put to the sword for not surrendering Tyre to Alexander.

154. The Jews of Antioch fell upon the other inhabitants, and massacred 100,000 for refusing to surrender their arms to Demetrius Nicanor, tyrant of Syria.

102. A dreadful slaughter of the Teutones and Ambrones, near Aix, by Marius, the Roman general, 200,000 being left dead on the spot.

89. The Romans, throughout Asia, women and children not excepted, cruelly massacred in one day, by order of Mithridates, king of Pontus.

86. A great number of Roman senators massacred by Cinna, Marius and Sertorius, and several of the patricians dispatched themselves to avoid their horrid butcheries.

82 and 79. Again, under Sylla, and Catiline, his minister of vengeance.

41. At Præneste, Octavius Cæsar ordered 300 Roman senators, and other persons of distinction, to be sacrificed to the manes of Julius Cæsar.

A.D. 70. At the destruction of Jerusalem 1,000,000 Jews were put to the sword.

197. Cassius, a Roman general, under the Emperor M. Aurelius, put to death 37,000 of the inhabitants of Seleucia.

213. At Alexandria, of many thousand citizens, by order of Antoninus.

277. The Emperor Probus put to death 700,000 of the inhabitants on his reduction of Gaul.

370. Of 80 christian fathers, by order of the Emperor Gratian, at Nicomedia; they were put into a ship, which was set on fire, and driven out to sea.

390. At Thessalonica, when upwards of 7000 persons, invited into the Circus, were put to the sword by order of Theodosius.

475. In England, 300 English nobles, by Hengist.

532. Belisarius put to death above 30,000 citizens of Constantinople for a revolt, on account of two rapacious ministers set over them by Justinian.

1002. Of the Danes, in the southern counties of England. In the night of the 13th of November, at London, it was the most bloody, the churches being no sanctuary: amongst the rest, Gunilda, sister of Swein, king of Denmark, left in hostage for the performance of a treaty newly concluded.

1184. Of the Latins, by Andronicus, at Constantinople.

1189. Of the Jews, some few pressing into Westminster-hall, at Richard I.'s coronation, were put to death by the people, and a false alarm being given, that the king had ordered a general massacre of them, the people in many parts of England, from an aversion to them, slew all they met; in York, 500 who had taken shelter in the castle killed themselves, rather than fall into the hands of the people.

1282. The Sicilians massacred the French throughout the whole island, without distinction of sex or age, on Easter-day, the first bell for vespers being the signal. This horrid affair is known in history by the name of the Sicilian vespers.

1572. Of 70,000 Huguenots, or French protestants, throughout the kingdom of France, attended with circumstances of the most horrid treachery and cruelty. It began at Paris in the night of the festival of St. Bartholomew, by secret orders from Charles IX., king of France, at the instigation of the queen dowager, Catherine de Medicis, his mother. It is styled in history the massacre of St. Bartholomew.

1592. Of the christians in Croatia, by the Turks, when 65,000 were slain.

1600. Matins of Moscow, when all the Poles, adherents of Prince Demetrius, were assassinated at six o'clock in the morning, Aug. 25.

1624. Of the English, by the Dutch at Amboyna. See **AMBOYNA**.

1641. Of the Protestants in Ireland, when 40,000 were killed.

1692. Of the Macdonalds at Glencoe, in Scotland, for not surrendering in time according to King William's proclamation. See **GLENCOE**.

1724. Of a great number of protestants at Thorn, who were put to death under a pretended legal sentence of the

chancellor of Poland, for being concerned in a tumult occasioned by a popish procession.

1740. At Batavia, when 12,000 Chinese were killed by the natives in October.

1811. Dreadful massacre of the Mamelukes in the citadel of Cairo, March 1.

1836. At Barcelona, of 100 Carlist prisoners, in January.

MASSANIELLO the fisherman of Naples. See **ANELLO**.

MASSILON, JEAN BAPTIST, a celebrated French preacher and bishop of Clermont, was born at Hieres in Provence in 1663. His first Advent sermon at Versailles was received with great approbation by Louis XIV. In 1717 the regent appointed him to the bishopric of Clermont. The next year, being destined to preach before Louis XV., who was only nine years of age, he composed in six weeks those discourses which are so well known by the name of 'Le Petit Careme.' The funeral oration of the duchess of Orleans, in 1723, was the last discourse he pronounced at Paris. He died Sept. 28, 1742, at the age of 79.

MASSINGER, PHILIP, a dramatic writer, died 1640, aged 55.

MASULIPATAM, district, Hindoostan, province Northern Circars. It is mentioned by Marco Polo in 1295. In 1749 the French established a factory here; and in 1751 received possession of the town and fort. It was taken by storm in 1759 by the British troops. After this event the town and adjacent territory were ceded to the British, with whom they have ever since remained.

MATARIA, village, Egypt. On the 20th March, 1800, a bloody battle was fought here between the French and the Turks.

MATHER, REV. DR. COTTON, theologian, born at Boston, America, 1663, died 1728.

MATHIAS, J. T., author of "Pursuits of Literature," died May 1835.

MATHISSON, FREDERICH, the well-known German poet and tourist; he died March 12, 1831, aged 71.

MATLOCK, Derbyshire, derives its importance from the mineral springs discovered about 1698. There are three bathing establishments; the Old Bath, the New Bath, and the Hotel; and many lodging-houses have been erected for the reception of visitors.

MATTHEW, ST., died in 65.

MATTHEW, of Westminster, English historian, died 1379.

MATTHEWS, CHARLES, the eminent comedian, was born June 28, 1776; in 1793 made his first public appearance on the stage as Richmond in "Richard the Third," and Bowkitt, in the "Son-in-Law." He was engaged in Aug., 1798, as principal low comedian at York, Leeds, Hull, Doncaster, and Wakefield, for the sum of 30s. weekly, and four benefits per year. He made his first appearance at the Haymarket May 15, 1803; in 1804 he was jointly engaged with Mrs. Matthews at Drury Lane; and there and at the Haymarket they remained until September 15, 1810, when Mrs. Matthews quitted the stage. On Oct. 12, 1812, he appeared at Covent Garden where he was engaged for five years. In 1815 he was thrown out of his gig, and his right leg fractured. This occurred in the midst of the Haymarket season, and his absence visibly affected the receipts. On April 2, 1818, he announced his intention of giving, at the English Opera-House, a monodramatic entertainment called "Matthews at Home." Night after night, and season after season, the theatre was thronged. Whatever merits Matthews possessed as an actor on the stage, his qualities of description, imitation, and illustration, off the stage, far transcended them. After six years' success with this entertainment, Mr. Matthews went, in 1823, to America, where he was extremely well received by the public. He returned, and acted at the English Opera, in the autumn of 1823; and on March 25, following, he produced his "Trip to America." In 1832 Mr. Matthews undertook a second trip to America; and, for the first time, gave his "At Home" in the United States. He returned to England in 1833, and died June 28, 1835, aged 59.

MATURIN, REV. R. C., author of "Bertram," &c., died 1824.

MAUDE, EMPRESS, daughter of Henry I. of England, born 1101; married to Henry IV., emperor of Germany, 1109; had the English nobility swear fealty to her 1126; buried her husband 1127; was married to Jeffrey Plantaganet, earl of Anjou, 1130; was set aside from the English succession by Stephen 1135. She landed in England, and claimed a right to the crown, September 30, 1139; was

crowned, but soon after defeated at Winchester 1141; escaped to Gloucester on a bier; and from a window of Oxford Castle by a rope, in the winter of 1142; retired to France 1147; returned to England, and concluded a peace with Stephen 1153; died at Rouen in Normandy, Sept. 10, 1167, and was buried in the abbey of Beec.

MAUNDAY THURSDAY, the Thursday in passion week, observed in commemoration of the day on which Jesus Christ instituted the Lord's Supper; ceremony commenced in 1362.

MAUPERTUIS, PETER LOUIS MAREAU DE, a French mathematician and philosopher, was born at St. Malo in 1698. In 1723 he was received into the Academy of Science; and in 1743 into the French academy, which was the first instance of the same person being a member of both the academies at Paris at the same time. In 1746 he was declared president of the Royal Academy of Sciences at Berlin, and soon after honoured with the order of merit; he died in 1759, at the age of 69. He was the author of several valuable works in French, as "The Figure of the Earth," "Nautical Astronomy," &c.

MAURICE, REV. THOMAS, author of "Indian Antiquities," died 1824.

MAURITIUS, or ISLE OF FRANCE, island, Indian ocean, was discovered in 1507, by Don Pedro Mascarenhas, a navigator of the Portuguese government, who named it Carné; they were masters of it almost the whole of the 16th century. In 1598 the Dutch admiral, Van Nerk, landed on the island, took possession of it, and named it Mauritius, in honour of the prince of Orange. The Dutch had regular governors appointed, who resided at Grand Port from 1644 to 1712, when Mauritius was finally abandoned by them, and was subsequently colonized by the French; its formal occupation took place in 1721, when the name was changed from Mauritius to Isle de France, and the territory given by the king to the French East India Company, under whose sway it remained, from 1722 to 1767. On the renewal of the charter of the company in 1784, the island became a commercial depôt, and the population rapidly augmented.

In 1789 Mauritius declared for a national assembly, and endeavoured to shake off dependance on France. After

a severe struggle the colonial assembly was dissolved, and the colonists enjoyed tranquillity. Buonaparte saw its important position for the annoyance of British commerce; and under the government of General Decaen, Mauritius assumed a leading part in the eastern hemisphere, to the great injury of British trade. To put a stop to these proceedings, an armament of 12,000 troops, with 20 ships of war, was dispatched from India, and from the Cape of Good Hope, for the conquest of Mauritius, in 1810. A capitulation was entered into, and it became subject to the crown of Great Britain. At the peace of 1814 the acquisition was ratified, and the island has ever since remained a colony of the British empire.

1832. The island was agitated by the conduct of the planters in relation to slavery. July 8, arrival of Mr. Jeremie, formerly protector of slaves at St. Lucie, and who distinguished himself by several publications in favour of negro emancipation. No sooner had he landed than a great part of the white population assembled to resist his admission to office, and a deputation represented to the governor, Sir Charles Colville, the impossibility of maintaining the public peace if Mr. Jeremie was not dismissed. Sir Charles at length was induced to comply with their demands, and Mr. Jeremie returned to England.

1838. Abolition of slavery in the island. On July 18, 1840, arrival of Sir Lionel Smith, as governor, the well-known friend of the coloured population, who was the same day duly installed before the legislative assembly.

MAXIMILIAN I., emperor of Germany, born in 1459; succeeded to the throne 1493. The famous league of Cambray against the Venetians, took place in 1509, to which Maximilian was one of the contracting parties. He summoned Luther to appear, with the promise of a safe conduct, before the diet of Augsburg. He died in January, 1519.

MAXIMILIAN II. was born in 1527; succeeded to the empire in 1564; was distinguished for prudence and moderation. He died in 1576.

MAXIMUS, TYRIUS, the Greek philosopher, flourished A.C. 100.

MAY, THOMAS, author of the "History of Parliament," died 1652.

MAYER, TOBIAS, the astronomer, born 1723, died 1762.

MAYNOOTH, town, Ireland, county Kildare. The Royal College here, for the education of persons professing the Roman Catholic religion, was founded in 1795, conformable to an act of parliament then passed. The number of students amounts to 330. The ecclesiastical establishment is supported by annual parliamentary grants. The lay college depends upon subscriptions, and was opened in 1802.

MAYOR, the chief magistrate of a city or town, had its origin in England, in the year 1191, when king Richard I. changed the bailiff of London into a mayor; and from that example King John made the bailiff of Lynn Regis a mayor in 1204. The title of Lord Mayor of London first instituted in 1354. The city of Norwich did not obtain the title of mayor for its chief magistrate till the seventh year of King Henry V., in 1419, since which there are few towns of note but have had a mayor appointed.

MAXTOCK CASTLE, Warwickshire, built 1346; burned down Aug. 1, 1762; Priory built 1337.

MAZARINE, **CARDINAL JULIUS**, prime minister of France, was born at Piscina, in Italy, in 1602; made cardinal by Louis XIII. In 1641, during the minority of Louis XIV., he had the sole management of affairs; he caused the president Blancmesnil and the counsellor Broussel to be imprisoned, which was the signal for the civil wars which commenced in 1648. Mazarine was afterwards proscribed as a public disturber of the peace; but an accommodation was effected in 1649. In 1650 fresh disturbances led the parliament to issue a decree, banishing Mazarine from the kingdom; but in 1653 he returned to Paris amidst the acclamations of the people. He died at Vinciennes in 1661.

M'CRIE, **DR. T. M.**, author of the life of Knox, was a native of Dunse, Scotland. In 1806 he separated from the General Associate Synod, and joined in founding the Constitutional Associate Presbytery; his life of John Knox was published in 1812; he died August 5, 1835, aged 63.

MEAD, **RICHARD**, an eminent English physician, took his degree of doctor of philosophy and physic at Padua in 1695; he was made physician to King George II. in 1727; he died February 16, 1754. His reputation as a physician and a scholar was so universally esta-

blished, that he corresponded with all the principal literati in Europe.

MEAL-TUB PLOT, as denominated from the place where the papers concerning it were found, a forged conspiracy against James II. 1679.

MEASURES. See **WEIGHTS AND MEASURES**.

MECHAIN, **M.**, a French astronomer, born August 16, 1774, died Sept. 4, 1805.

MECHANICS. The simple mechanical powers must have been known to the ancients; but when first introduced is not known; nor even the machinery by which the immense masses of stone which are found in some of the ancient edifices were moved and elevated.

A.C. 320. First writing on mechanics by Aristotle about this time.

205. The fundamental property of the lever demonstrated; the pulley said to be demonstrated; and the centre of gravity treated of by Archimedes; hand-mill or quern used at a very early period, the remains of Roman hand-mill found in Yorkshire; cattle-mill (*molæ jumentariæ*) also used by the Romans.

70. Water-mill, probably invented in Asia; the first described was near the dwelling of Mithridates about this time.

50. Water-mill erected on the Tiber, about this time.

A. D. 500. About this time Roman water-mills were placed on the canals.

536. Floating mills on the Tiber.

1078. Tide-mills at Venice about this period.

1200. Wind-mills, when they were introduced is uncertain, but they were common in the 12th century.

1332. Saw-mills said to be used at Augsburg.

1540. Theory of the inclined plane investigated by Cardan about this time.

1586. Work on statics by Stevinus.

1638. Theory of falling bodies by Galileo.

1647. Theory of oscillation by Huygens, about this time.

1662. Laws of collision by Wallis, Huygens, Wren, about this time.

1675. Epicycloidal form of the teeth of wheels by Roemer.

1679. Percussion and animal mechanics by Borelli, who died this year. Application of mechanics to astronomy, parallelogism of forces, laws of motion, &c. by Newton.

1697. Problem of the catenary with the analysis by Dr. Gregory.

The solution of the problem of the centre of oscillation was brought forward again in 1714, and further illustrated by the Bernouillis, and Dr. Taylor, &c. John Bernouilli employed for this purpose the principle of tensions; Euler that of pressures; Daniel Bernouilli that of virtual power. The problem was further illustrated by D'Alembert. His general principles were first developed in 1743, but more fully treated of in his "Treatise of Dynamics," published in 1749. The science of dynamics was still further enriched, in 1765, by an important discovery by Segner, who demonstrated "that if a body of any size and figure, after rotatory or gyratory motions in all directions have been given to it, be left entirely to itself, it will always have three principal axes of rotation." This theory was treated at length by Albert, son of Euler, in his paper "On the Stowage of Ships," which shared the prize of the Academy of Sciences at Paris for 1761.

Very little improvement in the theory of mechanics during the present century, but their application to the mechanical and useful arts present new subjects every year.

MEDICINE, or the healing art. Its origin has been attributed by the Egyptians to Thoth, the Hermes or Mercury of the Greeks. Æsculapius became celebrated about A.C. 1100. After his death for many succeeding centuries, the practice of medicine in Greece was confined to his descendants. Hippocrates, who appeared about the fifth century before Christ, was possessed of endowments particularly adapted to the cultivation of medical science. He effected a total revolution both of opinion and practice. For nearly a century subsequent to the death of Hippocrates, Greece continued to be the exclusive seat of medical knowledge. The first who practised at Rome was Archagathus a native of Peloponnesus, who came to Italy about A.C. 200. Nearly a century after, Asclepiades made his appearance. His pathology was founded on the Corpuscularian philosophy of Epicurus. His pupil Themison became the founder of a new sect called the Methodic. Celsus lived at the commencement of the christian era during the reign of Tiberius. His work "De Medicinâ," is appropriated to external diseases, surgical operations, and pharmacy.

About the second century of the christian era, Galen of Pergamus arose, whose talents acquired for him a despotic ascendancy in the schools of medicine, which was very unfavourable to the progress of the science. Some centuries after this the Arabians became the principal depositories of medical science, and by them it was very assiduously cultivated. Though the disciples of this school paid a too obsequious deference to the authority of Galen, yet several diseases of great importance were discovered by them, and they added a considerable number of valuable articles to the *Materia Medica*.

The discoveries of the chemists and anatomists in the 16th and 17th centuries, began to lessen the excessive veneration for the ancients which had hitherto prevailed. See **CHEMISTRY** and **ANATOMY**. The first in point of celebrity who combined medicine and chemistry was Paracelsus, a native of Switzerland, who flourished at the commencement of the 16th century. From this period to the commencement of the 17th century, the medical world was divided into the two sects of the Galenists and the Chemists. The latter sect gradually assumed a more scientific form, and their opinions were embraced by men of learning and character, amongst whom may be mentioned Sylvius and Willis. The latter was one of the original members of the Royal Society. His first appearance as an author was in the year 1659. His observations on the phenomena of diseases discover great correctness and acumen. Contemporaneous with Willis was his more celebrated countryman Sydenham, who has been designated the English Hippocrates. Baglivi, and after him Hoffmann, at the close of the 17th century, first promulgated correct views on the properties and action of the living fibre. In the 18th century important discoveries were made in the department of morbid anatomy. Bonetus led the way; and the course of investigation which he had commenced, was pursued on a very extensive scale by the celebrated Morgagni, and Haller. In the present century are writers of modern date who, disclaiming theory, have devoted themselves to the investigation of particular diseases. Among these, Heberden, Fothergill, Russel, Cleghorn, and Lind, distinguished themselves. And although no very pecu-

liar discovery has been recently made, many living authors of deserved eminence and celebrity have contributed largely to the advancement of medical science.

MEDICIS, or MEDICI, COSMO DE, called the "father of his country," born 1389, died 1464.

MEDICIS, or MEDICI, LORENZO DE, styled the "Magnificent," was the grandson of Cosmo, and the son of Piero de Medicis, both celebrated citizens of Florence, and was born January 1, 1448. After the death of his father, at the request of the people of Florence, he took upon himself the post of head of the republic. He had incurred the displeasure of pope Sixtus IV., who attempted his assassination and that of his brother, on Sunday April 26, 1478, and the cathedral was the place appointed for this horrid tragedy. But by the interference of the magistrates, Lorenzo escaped, and was conducted home in safety. Having distinguished himself beyond any of his predecessors, in the encouragement of literature and the arts, and by his public conduct, he died 1492, in his 44th year.

MEDWAY, a river of England, chiefly running through the county of Kent. In the tempest which happened in Nov. 1703, the Royal Charlotte was driven on shore and lost. Oct. 19, 1840, a fearful accident happened on this river, near Chatham, by which seven men perished belonging to a party of "lumpers," 16 in number, who had been at work on board a merchant ship in the river.

MEGARA, a celebrated city of ancient Greece, was engaged in various wars with Athens and Corinth; it is now only a small village, retaining its original name; it was much infested by Corsairs in 1676. The vaiwode, or Turkish governor, who resided in a forsaken tower above the village, was once carried off. The place was burned by the Venetians in 1687.

MEHEMET, or MOHAMED, ALI, viceroy of Egypt, was born at Cavala, in Macedonia, in 1769; was appointed pacha of Egypt by the sultan of Turkey in 1806. He has governed the country, in a great measure, according to European principles, and has recently thrown off all allegiance to the Turkish government. His son Ibrahim Pacha, born 1784, the general of his armies, now makes a conspicuous figure in the East. See **EGYPT**.

MELA POMPONIUS, an ancient geographical writer, was born in the pro-

vince of Bœtica, in Spain, and flourished in the first century of the christian era, in the reign of the Emperor Claudius. He published a work in three books, "De Situ Orbis:" Isaac Vossius gave an edition of it in 1658.

MELANCTHON, PHILIP, the celebrated reformer, was born at Brettan, in Saxony, in 1497. In 1509 he went to Heidelberg, and made a most rapid progress in the classics and other branches of literature. Before he had attained the age of 17 he was elected doctor of philosophy, and in 1518 he was appointed by the elector of Saxony professor of the Greek language in the University of Wittemberg. In 1519 he accompanied Luther to Leipsic, to be witness of his ecclesiastical combat with Eckius; and in 1520 delivered a course of lectures at Wittemberg on the Epistle of the Romans, with which Luther was so highly pleased that he caused it to be published. Soon after he was engaged with Luther in drawing up a system of laws relating to church government, which John of Saxony promulgated in his dominions in 1529. In 1530 the protestant princes employed Melancthon to compose the Augsburg Confession of Faith. In 1541 he was present at the conferences at Ratisbon, and in 1548 he assisted at seven conferences on the subject of the interim of Charles V. He was employed in arranging the order of the churches and academies in Misnia in 1553, and assisting at a conference at Nuremberg in 1554. He died at Wittemberg in 1560, at the age of 63. His literary powers and attainments were of no common order. To an excellent memory and great natural acuteness, he added indefatigable application in the investigation of every important subject, an undeviating love of truth, and great elegance as well as perspicuity of diction.

MELOS, one of the Grecian islands, situate between Crete and the Peloponnesus, was originally peopled by a Lacedæmonian colony, A.C. 1116. It enjoyed its independence for about 700 years before the Peloponnesian war. It now belongs to the new kingdom of Greece.

MELROSE, a burgh of barony and market town, Roxburgh, Scotland. At a short distance from the town, on the southside of the Tweed, is the abbey of Melrose, which was founded in 1136, by David I.

MELVILLE, HENRY, VISCOUNT.
See DUNDAS.

MELVILLE, LORD, transport, wrecked near Kinsale harbour, when 11 persons were drowned, Jan. 31, 1816.

MEMORY, extraordinary instances of. Seneca, who died A.C. 64, was able to repeat 2000 words upon once hearing them, each in its order; though they had no dependence or connection on each other. Dr. Wallis, who died in 1703, could perform arithmetical operations, as multiplication, division, extraction of roots, &c. to forty places.

Recent instances of the extraordinary exercise of the faculty are to be found in Jedediah Buxton, and Zerah Colburn; the latter was an American boy. When six years old, in August 1810, he began to manifest such powers of arithmetical computation as excited much wonder, and soon brought him into general notoriety. He visited England in 1812; he was afterwards asked, by the duke of Cambridge, the number of seconds since the commencement of the christian era, 1813 years, 7 months, and 27 days. The answer was correctly given: 57,234,384,000. He was asked the square root of 106,929, and before the number could be written down, he immediately answered, 327. He was then requested to name the cube root of 268,336,125, and with equal facility and promptness he replied 645.

In July 1838, the remarkable youth, Gustave Adolphe Bassle, from the Hague, aged about 12 years, attended by his father, Chevalier Bassle, was introduced to his royal highness the duke of Sussex, accompanied by the Sicilian youth, Mangiamele, and several distinguished members of the Royal Society were present. Gustave Bassle first gave the relation of the circumference to the diameter of a circle, considered as unity, to 155 figures, without one fault; after which the persons present demanded, at pleasure, the 35th, 98th, 73d, 140th, and 106th figures, and so forth, which he told almost instantly, without hesitation. On July 21 Chevalier Bassle lectured at the Royal Institution, and submitted to the audience programmes containing answers to upwards of 20,000 questions, by which each individual present could be satisfied of the accuracy of his mnemonical system. His son named the day of the week on which fell the first of January, from the commencement of the christian era till

the adoption of the Gregorian calendar; the same from that time till the year 2400, or to the most remote period; and the same for any day of the month, in any year whether common or bissextile. He repeated the numbers, denoting the proportion in any year, whether common or bissextile. He repeated the numbers, denoting the proportion of the circumference to the diameter, on the 154th place of decimals, backwards, forwards, or in any order; and gave the figure accompanying any piece taken at random.

MENAI BRIDGE. See BRIDGE.

MENANDER, Greek comic writer, flourished A.C. 400.

MENDICANTS, or **BEGGING FRIARS,** were first patronised by Innocent III., and their number grew to such an enormous multitude, that Gregory X., in a general council, which he assembled at Lyons in 1272, suppressed them, as well as all the religious orders that had sprung up after the council held at Rome in 1215.

MENGS, ANTHONY RAPHAEL, a celebrated painter, was born at Ausig, in Bohemia, in 1728. At the age of 12 he went to Rome, and was there introduced to the works of M. Angelo, Raphael, &c. On the accession of Charles III. of Spain, he was sent for to Madrid, and arrived in Oct. 1761. He enjoyed a pension as first painter to the king till his death in 1779.

MENNONITES, a sect in the United Provinces, who had their rise in 1536. They derive their appellation from Menno Simon, a native of Friesland, born at Wilmarsum, a village in the neighbourhood of Bolswert in 1505, who died 1561.

MENTCHIKOF, ALEXANDER, a statesman and general under the czar, Peter I., was the son of a peasant. The czar, by accident, discovering his talents, took him to serve about his person; and when he went on his travels for improvement he took Mentchikof for his companion. In 1706 he was created a prince of the German empire. He was victorious over the Swedes in the war against Charles XII., and had the command of the left wing of the Russians at the decisive battle of Pultowa in 1709. He died in November 1729.

MENTZ, a town of Germany, grand duchy of Hesse. The university was founded by Charlemagne in 800, and established in 1482 by Archbishop

Diether. The town had undergone many revolutions, and frequently changed its masters, until, in 1792, it was taken by the French; but in the following year it was retaken. By the peace of Luneville in 1801 it was surrendered to the French, but was delivered up to the allies in 1814.

MEQUINENZA, fortress of Spain, taken by the French June 8, 1810 · capitulated to the Spaniards February 18, 1814.

MERCATOR, GERARD, Flemish geographer, born 1512, died 1594.

MERCATOR, NICHOLAS, of Holstein, astronomer, died 1690.

MERCATORS' CHART. See CHART MERCERS' COMPANY, London, incorporated 1393.

MERCIA, one of the kingdoms comprising the Saxon heptarchy. See ENGLAND, p. 423, 424.

MERCHANT TAILORS' COMPANY, London, incorporated 1466.

MERCHANT TAILORS' SCHOOL, founded 1568.

MERCURY, the planet, passed over the sun's disc, visible to the naked eye, from 12 to 2 o'clock, at London, Nov. 25, 1769.

MERCURY, quicksilver, discovered to be anti-venereal by Corpus, an Italian surgeon, 1512; first given to patients under inoculation, 1745; rendered malleable by Orbelin, at Vienna, 1785.

MERIDA, town, Spain, in Estremadura, under the Goths was the see of an archbishop; and here a great church council was held in the year 666. It was besieged and taken by the Moors in 713, and was for some time the capital of a small Moorish kingdom: retaken by the Spaniards in 1230. In the peninsular war it was taken by the French in January, 1811, and retaken by General Hill in Jan., 1812.

MERIT, a military order of knighthood in Prussia, instituted in 1730.

MERLIN, the prophet, lived 477.

MERRICK, JAMES, divine and poet, born 1720, died 1769.

MERTHYR-TYDVIL, or TUDFIL, town, Glamorganshire, chiefly remarkable for its iron founderies commenced in 1755, when Mr. A. Bacon, member for Aylesbury, obtained a lease for 99 years of a tract of land, upon which he erected extensive iron and coal-works. There were alarming disturbances at this place, which ended with the loss of several lives, June 3, 1831

MERTON, WALTER DE, founder of Merton College, Oxford, died 1277.

MESSIER, C., astronomer, born 1730, died 1817.

MESSINA, city, island of Sicily, most remarkable in history for its misfortunes, particularly the plague of 1743, and the earthquake of 1783. The former carried off more than half the inhabitants. In consequence of these calamities several immunities were granted to the inhabitants. They were exempted in 1783 from the payment of taxes for a period of 25 years, and their harbour was declared a free port.

MESSOLUNGHI, MESALONGI, or MISSOLONGHI; town of modern Greece, situate in the Gulf of Patras. It was taken by the Turks in 1826, during the late Grecian war, and the inhabitants nearly all put to the sword. So obstinate was the conflict, and so ruthless the massacre, that, although two or three thousand Greek troops perished, only 150 were returned as having been taken alive. The male population above 12 years of age were exterminated. Between three and four thousand women and children survived, to be carried into slavery. Messolonghi surrendered to the Greeks by capitulation, May 17, 1829.

METASTASIO, the Italian dramatist, born 1698, died 1782, aged 84.

METELINE, island in the Archipelago, had 2000 houses, &c. destroyed by an earthquake, May 27, 1755.

METEORS, luminous phenomena, chiefly occasioned by atmospherical electricity. Sometimes they take their course in a straight line, at others in the form of a curve, leaving a luminous train behind them, exhibiting for a time the appearance of a comet. Some of these meteors when about to disappear are divided into numerous small bodies, accompanied with an explosion, followed by showers of stony or metallic substances called aërolites, meteoric stones, or meteorites. See AEROLITES.

These phenomena have latterly been the subject of very minute examination. The following are some of the most recently described:—Fall of a meteorite in Brazil, December 11, 1836, about half-past eleven P.M., over the village of Macao, at the entrance of the river Assu; it immediately burst with a loud crackling noise, and a shower of stones, within a circle of ten leagues. They came into several houses, and buried themselves

some feet deep in the sand. The weight of those picked up varied from 1 to 80 pounds. Specimens were sent to the Parisian academy to be analysed by Berthier.

1838. Remarkable meteor, without any falling body, observed March 7, near Kensington Palace, at about ten minutes before eleven o'clock. The arc described was at least 30 degrees. The meteor was not seen till its full brilliancy had been obtained; and the whole course must have been 40 degrees or more. The gas lamps on the road were dull compared to its glowing brightness.

Meteoric stone at the Cape of Good Hope observed the same year, October 13. Its appearance was that of a silvery hue, traversing the atmosphere for a distance of about 60 miles, and then exploding with a loud noise, like that from artillery, which was heard over an area of more than 70 miles in diameter, the air at the time being calm and sultry. The entire mass was estimated at about five cubic feet, according to Dr. Faraday's "Chemical Account" of the above meteor.

1839. Fall of a meteorite in Missouri on the afternoon of Feb. 13, which exploded near the settlement of Little Piney (lat. $37^{\circ} 55' N.$, long. $92^{\circ} 5' W.$), and cast down to the earth one stony mass or more in that vicinity. Although the ground was covered with three or four inches of snow, there was found a meteoric stone, about as large a man's head, partly imbedded in the earth. The total weight of all the fragments collected was 973 grains.

METHODISTS, a term first applied to a sect of ancient physicians, who reduced the whole art of healing to a few common principles or appearances. Afterwards the denomination was given in the 17th century to the doctors of the Romish church, in opposition to the Huguenots or Protestants. Lastly, the term in the present day was applied to the followers of Mr. John Wesley and Mr. Whitefield, and latterly has been confined to those of Mr. Wesley.

In 1735 Mr. John Wesley, Mr. Whitefield, and others, while at college at Oxford, associated for reading the Greek Testament and religious exercises, which became the origin of the sect. It is said that the regularity of their lives induced the students of Christchurch to exclaim that "a new sect of methodists was sprung up:" alluding to the sect of ancient physicians who bore that name.

The methodists who were followers of Mr. Whitefield may date their origin in America, in 1739, when he landed at Philadelphia, and instantly began his spiritual labours, which were attended with astonishing success wherever he went. His followers were afterwards very numerous in the United Kingdom, particularly in London and its vicinity, at Bristol, Bath, &c.

The sect of Wesleyan Methodists, to which the term is now almost exclusively applied, commenced in 1738, when Mr. Wesley applied himself with the greatest assiduity and success to the propagation of his doctrine. Multitudes of converts were made in various parts of the kingdom, and the reproaches poured upon him by his opponents seemed to have rendered his zeal more fervent if possible than before. From the year 1738 to 1747, he, and the itinerant preachers in his connection, were employed in various parts of England. In 1750 they had formed 29 circuits, which employed 67 itinerants, besides a considerable number of local preachers. In 1767 the number of itinerant preachers was not more than 92, and of the people in the societies 25,911. In the year 1840 the 97th annual meeting of the conference was held at Newcastle-upon-Tyne, commencing July 29, when it appeared from the report that the number of preachers was 1078; of members belonging to the society in Great Britain 323,178; in Ireland 27,047: total throughout the world, including the United States and Upper Canada, &c. &c., 1,137,424.

METHUSELAH died A.M. 1656, aged 969.

METONIC CYCLE, **LUNAR CYCLE**, or **GOLDEN NUMBER**, a period of 19 years, invented by Meton, A.C. 432, at the end of which the moon is supposed to arrive at the same point with respect to the sun that she was in at the beginning of it.

MEXICO, or **NEW SPAIN**, was first imperfectly discovered by a Spaniard named Nunez de Balboa; and in 1518 the conquest of it was undertaken by Ferdinand Cortez. He sailed from the Havannah, in Cuba, in Feb. 1519; entered the city of Mexico, Oct. 29, and soon after seized the emperor Montezuma. Retreat of the Spaniards from Mexico, 1520. The important battle of Otumba, July 7, in which the Spaniards were victorious, laid the foundation of their ultimate success. Cortez began his march

towards Mexico, about six months after his fatal retreat from that city, Dec. 28. The siege of Mexico commenced 1521, and the city was taken Aug. 13. The fate of the capital decided that of the empire; the provinces submitted one after another to the conquerors; small detachments of Spaniards marching through them without interruption, penetrated in different quarters to the great Southern Ocean, and Mexico remained in the hands of the Spaniards. When the Mexicans had been brought to bear patiently the yoke of their conquerors, and the colonists had become tranquil possessors of all the treasures of the country, the warlike spirit insensibly declined; and the kingdom of New Spain, with the other settlements, enjoyed a peace of two centuries and a half. Till the late struggle for independence, the internal tranquillity of Mexico was very rarely disturbed after the year 1596, when the dominion of the Spaniards was established over all the territories, from the peninsula of Yucatan and the Gulf of Tehuantepec, to the sources of the Rio del Norte and the coast of New California.

1810. Commencement of the civil commotions, which continued to agitate the country for several years. In 1821 the Mexicans were enabled to throw off the yoke of Spain, to desert the viceroys, and proclaim, under Iturbide, the independence of Iguala. The empire was instituted in 1822 by Iturbide, under the title of Augustine I. The republic commenced in 1823, when the Mexicans drove the emperor (by a declaration of Casa Mata) from the throne, to which but the year before he had been elevated by the same body. After many vicissitudes, the Mexicans succeeded in forming a constitution nearly on the model of that of the United States. On Oct. 4, 1824, the constitution was solemnly sworn to.

Commerce and credit soon revived with the establishment of freedom; the revenue increased; and the country, enjoying peace, was rapidly advancing in improvement. But revolts and conspiracies in portions of the immense territory succeeded, and afforded constant occupation to the new government, (under the president Victoria), which seemed hardly to have acquired sufficient strength for the arduous duties demanded from it. New commotions, in Dec. 1828, produced a civil war, which threatened the most

disastrous consequences, and which terminated in another revolution in 1830, attended with circumstances of disorder and atrocity, for several years; which, from the comparatively settled state of Victoria's government, had not at all been expected.

1835. A central constitution established, of which Santa Anna was made head. 1836. Revolt of the province of Texas, which was assisted by the United States. See TEXAS.

1838. Dispute with France; blockade of the coast by a French squadron. Convention between Admiral Baudin and the Mexican general, Don Manuel Rincon; the articles of which provided that 1000 Mexican troops should remain at Vera Cruz to preserve order; that the blockaded ports should be opened to commerce; and that the fortress of St. John d'Ulloa should be evacuated when the differences between France and Mexico were decided. The war between France and Mexico was at length terminated by the mediation of England. Mr. Pakenham, the British minister, Admiral Baudin, and Generals Gorostija and Victoria, having had several interviews, a treaty of peace was signed, March 9, 1839: Mexico to pay 600,000 dollars, the Castle of St. Juan d'Ulloa, with its artillery, to be delivered up; the Mexicans were at liberty to make treaty of commerce with the French, (for which no terms were stipulated); and the prizes made by France, and the losses resulting on both sides from the war, to be left to the arbitration of England.

1840. A new revolution broke out in July, in favour of federalism, under General Urrea. The garrison of the city of Mexico, with other troops, declared for the federation, and proceeded to the government palace, where they arrested the president Bustamente, and left the palace as well as the cathedral, the Deputacion, and the convents of San Domingo and San Francisco, in the power of the disaffected. General Almonte, minister of war, strengthened himself in the citadel, being resolved to defend himself to the utmost.

MEYER, the constructor of lunar tables for the English government, died 1762.

MEZZOTINTO. See ENGRAVING.

MICAH, prophet, flourished A.C. 754.

MICHAEL'S, St., festival, first observed 487.

MICHAEL'S, ST., order of knighthood, began in France 1469; in Germany 1618; in Naples, time unknown.

MICHAELIS, JOHN DAVID, a celebrated German theologian, was born at Halle, Feb. 27, 1717. In 1741 he came to England, where his superior knowledge of the Oriental languages, introduced him to the acquaintance, and gained him the esteem of our first literary characters. On his return to Halle he obtained the place of secretary to the Royal Society there, of which he was director in 1761. In 1786 he was made privy councillor of justice to the court of Hanover, and two years afterwards was elected a fellow of the Royal Society of London. He was professor in the University of Gottingen 45 years; and during that long period, he filled the chair with dignity, credit, and usefulness. He died Oct. 22, 1791, aged 74.

MICKLE, WILLIAM JULIUS, the poet, translator of the "Lusiad," born 1735, died 1788.

MICROSCOPE, invented by Zachary Jansen and his son, who presented the first microscopes they had constructed to Prince Maurice, of Nassau, and to Albert, archduke of Austria, about 1619. The knowledge of the microscope prevailed in Germany about 1624; and from thence it most probably was extended to the neighbouring countries. The solar microscope, also known by the name of the Camera Obscura microscope, was invented by M. Lieberkulin about the year 1738, and has since been considerably improved.

The oxy-hydrogen microscope, exhibited at the Adelaide Gallery, is among the most valuable of modern improvements. See **ADELAIDE GALLERY**. Others of less importance are continually being made; the following is one of the most recent. The Pantocratic microscope, the invention of Professor Fisher, of Moscow, in 1839. With it the observer can, by simple and almost imperceptible movements, vary the magnifying power from 270 to 550, without obscuring the object, the degree of enlargement being registered on the body of the instrument.

MIDDLESEX, county, England. Before the invasion of Britain by the Romans, this county constituted part of the territories occupied by a Belgic tribe of people. When the Roman government was established here, Middlesex was

comprehended in the province of Flavia Cæsariensis; but it owes its present appellation to the Saxons. Part of Middlesex was formerly a vast forest, well stocked with deer and other wild animals. The whole county may now be regarded as a sort of demesne to the metropolis, being interspersed with villas, and intersected by a multitude of roads leading to it. See **LONDON**.

MIDDLESEX HOSPITAL, instituted 1745; built 1755; enlarged 1834; house of correction finished 1794.

MIDDLETON, DR. CONYERS, author of the "Life of Cicero," born 1683, died 1750.

MIDDLETON, SIR HUGH, who brought the New River water to London, died 1631.

MIDDLETON STONEY, Oxfordshire, burned down April 29, 1755.

MIGUEL, DON. See **LISBON**.

MILAN, capital of the government of the same name, in the Lombardo-Venetian kingdom, reputed to have been built by the Gauls, about A.C. 408; submitted to the Romans, A.C. 222; was formed into a republic, A.C. 121; governed by dukes from 1395 till 1501; the French expelled from it by Charles V., of Germany, about 1525, who gave it to his son Philip II.; taken by the Imperialists 1796; given to Austria, on Naples and Sicily being ceded to Spain, 1748; seized by the French 1796; retaken by the Austrians May 1799.

MILAN DECREE, by which Napoleon declared England in a state of blockade, and promulgated his prohibitory system, Dec. 17, 1807, which gave birth to the English orders in council.

MILDMAY, SIR WALTER, founder of Emanuel College, Cambridge, died 1640.

MILE, the length of it first determined, in 1593, to consist of 5280 feet, or 1760 yards; so that a square mile contains 27,178,400 square feet, or 640 square acres.

MILITARY ACADEMY, Woolwich, established 1741.

MILITIA. King Alfred first settled a national militia in this kingdom, and by his prudent discipline, made all the subjects of his dominions soldiers. This was continued till the reign of James I.; was revived under Charles II. The order in which the militia now stands by law is principally formed upon the statutes which were then enacted, viz., 13 Car. II.

cap. 6; 14 Car. II. cap. 3; 15 Car. II. cap. 4. By the 42 Geo. III. cap. 90, the chief former acts relative to the militia are from June 26, 1802, repealed, excepting such as relate to the city of London, Tower Hamlets, the Stannaries, and the Cinque Ports; and it is provided by this act, that "the king shall appoint lieutenants for the several counties, &c., with full power to call together, arm, array, and cause to be trained and exercised certain persons, once in every year; and such lieutenants shall appoint 20 or more persons, duly qualified, to be deputy lieutenants, and shall also appoint a proper number of colonels, lieutenant-colonels, majors, and other officers, qualified to train, discipline, and command the persons to be armed and arrayed."

MILL, JAMES, author of the "History of British India," &c., died 1836, aged 63.

MILLHOUSE, ROBERT, author of "The Destinies of Man," and various other poems, was the son of poor parents, and had no advantages of education, except those of a Sunday-school. His employment was mostly in the stocking-loom, which he gave up in 1832, and devoted himself to composition. He died at Nottingham, April 13, 1839, in his 51st year.

MILLAR, JOHN, author of the "Historical View of the English Government," died 1801.

MILLER'S PATENT FIRE BARS.
See FIRE BARS.

MILNER, JOSEPH, author of the "History of the Church," died 1797.

MILTIADES, the celebrated Athenian general and the son of Cimon. At the battle of Marathon, A.C. 490, he was the means of obtaining a decisive victory, which delivered his country from a foreign yoke. He died A.C. 489.

MILTON, JOHN, the brightest ornament of English poetry, was born in London, Dec. 9, 1608. At the age of 17 he was sent to Christ's College, Cambridge, where he made great progress in all parts of academical learning, but poetry was his chief delight. In 1628 he obtained the degree of bachelor of arts, and in 1632 that of master of arts. About 1637 he commenced his travels for improvement, and visited Rome, Naples, &c. On his return to England, he fixed himself in the metropolis, and undertook the education of his sister's sons. In 1641 he published four treatises relative to church government, in

which he attacked episcopacy, and supported the cause of the puritans. In 1644 he wrote his "Tract upon Education," and soon after protested boldly against the restrictions on the liberty of the press. In 1645 he published his juvenile poems.

On the death of Charles I. he was taken into the service of the commonwealth, and made Latin secretary to the council of state. About 1652 he lost his eye-sight by a gutta serena. When Cromwell took the reins of government into his own hands in the year 1653 he still held his office; and on the deposition of his successor, Richard Cromwell, and the return of the Long Parliament, he was still continued secretary. On the return of Charles II. our author chose to consult his safety, and retire to a friend's house in Bartholomew Close. His great work, the "Paradise Lost," which probably occupied his thoughts, with no considerable interruption, for 11 years, was first printed in 1667. "Paradise Regained" was written soon after, upon a suggestion of his friend Elwood; "Sampson Agonistes" was published about the same time. He died Nov. 8, 1674, at 66 years of age. In 1737 a monument was erected to him in Westminster Abbey. Dr. Johnson has spoken in the highest terms of his genius as a writer. "The 'Paradise Lost,'" he says, "is a poem which, considered with respect to design, may claim the first place, and with respect to performance, the second, among the productions of the human mind."

MILTON, LORD VISCOUNT, eldest son of Earl Fitzwilliam, and M.P. for North Northamptonshire, died of typhus fever, Nov. 8, 1835, aged 24. His early death occasioned very general regret.

MINA, DON FRANCISCO ESPOSY, the distinguished Spanish constitutional general. During the peninsular war in 1810 he rendered his name the terror of the French. In 1811 the regency gave him the rank of colonel; in 1812 that of brigadier-general, and, soon after, that of general. His force in 1813 consisted of 11,000 infantry, and 2500 cavalry; and with this he co-operated in the blockade of Pampeluna, and recovered Saragossa, and several other places. On the conclusion of peace, disgusted with the policy of King Ferdinand, he sought an asylum in France, until the army of Cadiz raised the standard of freedom in

1822, when he was appointed captain-general of the three armies of Navarre, Catalonia, and Arragon; and was employed in suppressing a formidable insurrection in Catalonia. He remained in arms until the intervention of France, in 1823, again restored the absolute monarchy, when he took refuge in this country. He landed at Plymouth on Nov. 30, 1823. After the last change in affairs Mina was employed in the field against Don Carlos, till near his death, which took place Dec. 24, 1836, aged 55.

MINDEN, a town of Prussia. In 1529 this town embraced the reformation; in 1757 it was taken by the French, and the following year retaken by the Hanoverians. In 1759 the French entered it again; but after the celebrated battle of Minden, August 1, they were obliged to quit it immediately. In 1806 it was occupied by the French, and finally ceded to Prussia in 1814.

MINE, a term applied to all works carried on underground, but principally used for those which have for their object the discovery of metallic ores. Mining in England had a very early origin. The Saxons neglected the pursuit of the metals, but the Normans worked for them to advantage; and until the reign of King John, the mines were mostly in the hands of Jews. Edward I. caused the Jews to be banished; and various persons held the right of searching for mines in the reigns of Edward III., Richard II., Henry IV., and Henry VI. The mines continued to be protected by the crown, and particularly by Henry VII., until Edward VI., when they were neglected. Elizabeth established, in 1568, a corporation, which still exists, called The Society for the Mines Royal. The application of gunpowder for the purpose of blowing up the rocks, first took place in Germany about 1600, and the mode was first introduced into England about 1670. Copper-mines were discovered in 1691. In 1702 the first brass-work in England was erected near Bristol, which has continued to this time. For an account of the coal-mines see **COAL**.

1839. According to the Geological Report for this year, the value of metals annually raised in the mines of Great Britain and Ireland, is about £10,597,000, and of this sum the iron amounts to £8,000,000. The value of the remaining metals would be £2,597,000, of which

Cornwall and Devon would furnish about £1,340,000, or more than one-half, leaving £1,257,000 for the value of all the metals, with the exception of iron, raised in other parts of the United Kingdom. The two great metallic products of the Cornwall district are copper and tin: of the former it yields one-third; and of the latter, nine-tenths of the whole supply of copper and tin furnished by the British islands, and all the countries of the continent of Europe.

MINING IN FRANCE. By an account presented to the British Association in 1838, the mineral resources of France have of late years been rapidly developed. The increase in the value of coal, iron, lead, antimony, copper, manganese, alum, and sulphate of iron since 1832, has been 45 per cent. There are 46 coal-fields in France; and great as the increase has been of late years in the produce of the French coal-mines, large establishments are forming in the great field of the Loire, as well as in other localities. At present, France ranks second among nations in the production of iron; England being still immeasurably in the advance of France. There are in the latter country 12 distinct localities, or districts, in which the making of iron is prosecuted: four-fifths of the fuel employed are wood; coke was not used in the iron-works of France until 1821; and, at the present time, is employed almost exclusively for processes subsequent to smelting the ore. The production in France of metals, other than iron, is of little or no commercial importance at the present time. The whole value of lead and silver, antimony, copper, and manganese, amounted, in 1836, to less than £60,000, and gave employment to only 1760 workmen.

MINERVA'S TEMPLE at Athens built A.C. 450.

MINORCA, island, Mediterranean Sea, the smaller of those called by the Romans Baleares. See **BALERIC ISLANDS**.

MINOS, the lawgiver, reigned at Crete A.C. 1432.

MINOTAUR of 74 guns, wrecked on the Haaks bank, when 480 of the crew perished, Dec. 22, 1810.

MINT, the place in which the money of any state is coined. There were anciently mints in almost every county in England. In 928 Athelstan enacted

that only one kind of coin should be current. Edward II. appointed a master, warden, comptroller, king's and master's assay master, and king's clerk, with several inferior officers; and this constitution continued with but few changes till 1798, when a committee was appointed to consider the establishment and constitution of his majesty's mint.

The result of this was the erection in 1811, of a new and elegant building on the eastern side of Tower Hill; and Boulton and Watts' system of coining machinery was adopted. The bullion, as received from the Bank of England, is first sent to the master of the mint's assay office, and received into the strong-hold, till its quality is ascertained. It is next delivered to the melting-house. When finished, the plates of silver are about three-sixteenths of an inch thick. In the coining rooms there are several coining presses worked by a steam-engine. The machines are worked with such rapidity, that each will produce about 60 in a minute, or allowing for necessary delays, about 19,200 in an hour, from eight machines.

MIRABEAU, the French orator, who made himself conspicuous during the revolution, died 1791.

MIRAMICHI, river, New Brunswick. A terrible conflagration in October, 1825, devastated a tract of country upwards of 300 miles in extent along the banks of this river.

MIRRORS. See BURNING GLASSES.

MISCHNA, or MISNA, a part of the Jewish Talmud, containing the text, as the Gemara contains the commentaries. The Mischna consists of various traditions of the Jews, and of explanations of several passages of scripture. According to Prideaux's account, the Mischna was composed about A.D. 150, but Dr. Lightfoot says, that Rabbi Judah compiled it about 190. It has been published with a Latin translation by Surenhusius, in six vols. folio, Amsterdam, 1698.

MISSIONS, a term applied in modern times to the attempts made for the propagation of christianity among heathen nations. The following are the principal:—

MORAVIANS or UNITED BRETHREN, commenced their labours by sending two or three missionaries to Greenland in 1733, who fixed their residence near the colony of Good Hope. The same year a mission was established at

the island of St. Thomas, one of the West India islands; in 1734 at Georgia, for the purpose of introducing christianity among the neighbouring Indians; in 1736 at the Cape of Good Hope among the Hottentots; in 1738 near Surinam in South America. In 1752 they turned their attention to the benighted inhabitants of Labrador.

1840. The United Brethren have still stations at the above places; they have also extended their labours over various parts of Asia and Africa, and, though on a small scale, are conducting their exertions with energy and success.

BAPTIST MISSIONARY SOCIETY. This had its origin in the year 1792, when a few baptist ministers assembled at Kettering in Northamptonshire, where they opened a subscription for this important purpose; one of the earliest missionaries was the late Dr. Carey. See CAREY.

1840. This society has the following principal stations:—In the EAST INDIES, (the scene of its earliest operations in 1793), Calcutta is at present the chief seat of the mission. Farther up the country about 20 principal stations are occupied, on each of which are dependent several sub-stations, and each of which constitutes a centre of operation for the surrounding country. In the islands of Ceylon, (commenced in 1812) Sumatra, and Java, the missionaries are training up native converts as teachers.—In the island of JAMAICA, the principal scene of the labours of this society in the west (commenced in 1813) notwithstanding the difficulties attending a transition from bondage to freedom, the missionary work has been going forward with a high degree of prosperity. From the latest return, the number of members was 21,337; those under a course of religious instruction and examination, preparatory to church membership, amounted to 20,919; the day-schools contained 5413 scholars; the evening-schools 577, and the Sunday-schools 10,127. Missionary stations also are occupied in the Bahamas; at Balize in the Bay of Honduras; and in Graham's Town, South Africa.

LONDON MISSIONARY SOCIETY, formed in 1795, consisted of christians of various denominations, who agreed to unite their efforts in the great work of evangelizing the heathen. The attention of this society was first directed to-

wards the islands of the South Sea; and in 1796, 29 missionaries embarked on board a vessel purchased by the society, and established a mission there, which recently, under the auspices of the late Mr. Williams, has been attended with great success. In 1798 this institution sent four missionaries to the Cape of Good Hope in Africa, with Dr. Vanderkemp, Mr. Kicherer, and others. In 1804 this society sent out missionaries to India; and in 1807, to China, under the late Dr. Morrison, who settled at Macao.

1840. The following are the principal stations of this society:—In the SOUTH SEA, at the Fiji or Feejee Islands, the Georgian (or Windward) Islands, principally at Tahiti (or Otaheite), the Society Islands, the Hervey Islands, the Austral Islands, and the Navigators' Islands.—ULTRA GANGES. China, Malacca, Singapore, Penang, and Java.—EAST INDIES. Calcutta district: Kidderpore, Chinsurah, Berhampore, Moorshedabad, Benares, and Surat. Madras district; Madras, Vizagapatam, Cuddapah, Clittoor, Belgaum, Bellary, Bangalore, Salem, and Combaconum. South Travancore, Nagercoil, Neyoor, Quilon, and Cimbatoor.—RUSSIAN EMPIRE. St. Petersburg, Siberia.—SOUTH AFRICA. Stations within the colony of the Cape: Cape Town, Paarl, Tulbagh, Boschesfeld, Caledon Institution, Pacaltsdrop, Port Elizabeth, Uitenhage, Graham's Town, Graaff Reinet, Theopolis, and Kat River. Stations without the colony: Cafferland, Griqua-Town, Tsantsaban, Campbel, Philippolis, Mission to the Bushmen, and Lattakoo.—Island of MADAGASCAR.—WEST INDIES. Demerara, Essequibo, Berbice, and Jamaica.

WESLEYAN MISSIONARY SOCIETY. Although missionary exertions were commenced in 1780, in the West Indies, by Dr. Coke and others, this society was not formed till 1820, when the whole number of members connected with the West India mission amounted to 22,157, besides 120,000 stated hearers, and 36 missionaries.

1840. The missionary stations of this society, which are very numerous, are under the direction of the Wesleyan Methodist Conference; but are immediately conducted by a committee. The following are the principal:—In INDIA, commenced in 1817, Madras, Bangalore, Mysore, and Courg Country, Negapa-

patam, Melnattam and Manaargoody.—In CEYLON, commenced in 1814, Colombo and Colpetty; Kandy, Negombo, and Caltura; Galle, Matura, and Moruwa Korle, in the South or Singhalese district: Jaffna, Point Pedro, Trincomalie, and Batticoloa, in the North or Tamul district. SOUTH SEA, commenced in 1816, New South Wales, Van Diemen's Land, New Zealand, and the Friendly Islands, including Tonga, Vavou, the Hapai, and the Feejee Islands.—SOUTHERN AFRICA, commenced in 1817, Cape Town, Somerset, Hottentots' Holland, Khamiesberg, in Little Namaqualand; Nisbett Bath, Great Namaqualand; Graham's Town and Salem, Bathurst and Port Frances, Wesleyville, Pato's Tribe, Mount Coke, Islambie's Tribe, Butterworth, Hintza's Tribe, Clarkesbury, Vossanie's Tribe, Morley, Dapa's Tribe, Buntingville, Faku's Tribe, Chaka's Tribe, Laatberg, Thaba Unchu, Umpukani, and the Mantatees.—WEST INDIES, commenced in 1786, Jamaica, Antigua, Montserrat, St. Christopher's, St. Eustatius, Nevis, St. Bartholomew's, Dominica, Tortola, and the Virgin Islands, St. Martin's, Anguilla, St. Vincent's, Grenada, Trinidad, Barbadoes, Tobago, Hayti, the Bermudas; and in the Bahamas, New Providence, Eleuthera, Harbour Island, Abaco, and Turk's Island.—BRITISH NORTH AMERICA, commenced in 1786, Lower Canada, Nova Scotia, Prince Edward's Island, Cape Breton, New Brunswick, and Newfoundland. In the whole of the above foreign stations the regular preachers and assistant missionaries, according to the Report to Conference for 1840, amounted to 342, and the number of members of the society, 78,504.

CHURCH MISSIONARY SOCIETY. This society was instituted in 1800, by some members of the church of England. Their first station was in Western Africa. Having failed in procuring missionaries of their own communion, they obtained two from the Missionary Seminary at Berlin. In 1804 Messrs. Renner and Hartwig sailed from England, and after a voyage of seven weeks, arrived at Sierra Leone. They commenced their labours in the Susoo country, where they were received with kindness by some of the chiefs.

1840. The following are the principal stations of this society:—WEST AFRICA commenced 1804, number of missionaries

7. MEDITERRANEAN commenced 1815, 2 missionaries. NORTH INDIA commenced 1816, 22 missionaries. SOUTH INDIA commenced 1814, 18 missionaries. BOMBAY and WESTERN INDIA commenced 1820, 6 missionaries. CEYLON commenced 1818, 8 missionaries. NEW HOLLAND commenced 1832, 2 missionaries. NEW ZEALAND commenced 1814, 8 missionaries. WEST INDIES commenced 1827, 2 missionaries. NORTHWEST AMERICA commenced 1823, 2 missionaries.

In the Mediterranean mission, the society had in view the revival of the ancient christian churches planted on its shores, as a prelude to the extension of christianity throughout the continents of Africa and Asia. On this errand the Rev. Mr. Jowett left England in September, 1815. The Rev. Mr. Marsden's first visit to New Zealand was in the year 1814, to establish the first settlers of the society. On a second visit in 1819, he established Mr. Butler and others in the Bay of Islands. On a third visit in 1820, he was indefatigable in his exertions in promoting the objects of the society. The society has now in New Zealand 12 stations.

THE SOCIETY FOR THE PROPAGATION OF THE GOSPEL IN FOREIGN PARTS, though originally differing in its principle, and more confined in its objects, than the preceding, yet from its recent proceedings and present sphere of operation, requires to be mentioned among the missions of this country. This society was incorporated by royal charter in 1701, for the receiving, managing, and disposing of such funds as might be contributed for the religious instruction of her majesty's subjects beyond the seas; for the maintenance of clergymen in the plantations, colonies, and factories of Great Britain; and for the general propagation of the gospel. The society's missionary stations are BRITISH NORTH AMERICA; dioceses of Toronto, of Montreal, of Nova Scotia, and Newfoundland. BRITISH INDIA: dioceses of Calcutta and Madras. CAPE OF GOOD HOPE. AUSTRALIA. BRITISH WEST INDIES; dioceses of Jamaica and Barbadoes.

The other institutions connected with missions, chiefly of a local character are, the Colonial Mission, commenced in 1836; the Baptist Home Missionary Society established in 1814; the Home Mission 1819; and the City Mission established in May, 1835.

MISSISSIPPI, one of the United States of America, situated east of the river of the same name. The first settlement of whites was made here by the French at Natchez about 1716; in 1729 these colonists were massacred by the Natchez Indians; but in the succeeding year, this once powerful tribe was extirpated by the French. But few American settlements were made in this country till near the end of the last century. In 1800 the territory was erected into a separate government; and in 1817 into an independent state. The constitution of this state was formed at the town of Washington in August. In 1829 a Board of Internal Improvement was organised by the legislature, and authorised to take measures for the improvement of the navigable streams and public roads within the state.

MISSOURI, one of the United States, bordering on the river of the same name. It is of recent formation, and until 1803 some parts were not inhabited. The constitution of this state was formed at St. Louis in 1820; and a board of internal improvement appeared in 1839.

MITFORD, WILLIAM, F.S.A., professor of ancient history to the Royal Academy, and author of the "History of Greece," born in London, Feb. 10, 1744. In 1796 he was returned to the house of commons as member for Beeralston. He died Feb. 10, 1827, aged 83.

MITFORD, JOHN, an eccentric writer, the author of "Johnny Newcome in the Navy," for which the publisher gave him a shilling a-day while engaged in its composition, died at St. Giles's workhouse Dec. 1831.

MITHRIDATES ordered all the Romans that were in Asia to be put to death, A.C. 88.

MITYLENE. See METELINE.

MNEMONICS. See MEMORY.

MOBILE, West Florida, taken by the Americans, April 12, 1813. Surrendered by capitulation to the British, Jan. 11, 1815.

MOCHA, an extensive city and port, Arabia, the emporium of the Red Sea. The Dutch established a factory here in the 17th century; they were followed in 1708 by the French, and by the English and Americans during the present century. The great article of export is coffee, which is universally admitted to be of the finest quality. The quantity annually exported is about 10,000 tons.

MODENA, duchy, north of Italy; it forms an independent state, possessed in full sovereignty by a lateral branch of the house of Austria. It was united to the Cisalpine republic in 1796, and formed afterwards a part of the kingdom of Italy. The city surrendered to the Austrians, May 1799, and was re-taken by the French July 3 following. The Archduke Francis, who succeeded by right of his mother to the ancient duchy, took possession of it in 1814. An attempt at insurrection was made by an Italian named Cyrus Menotti, and his accomplices, in 1831; but it was suppressed shortly after.

MOGUL EMPIRE, in its original sense, including those parts of Asia over which Tamerlane and his successors reigned, was not either extensive or populous till the time of Temujin, or Genghiz Khan. See GENGHIZ KHAN. At his death in 1227, it extended over a tract of country 1800 leagues in length, from east to west, and upwards of 1000 in breadth from north to south. In 1257 Hulaku, a descendent of Genghiz Khan, advanced to Bagdad, which he took, and put the caliph to death. Hulaku died in 1264; and at this period we may fix the greatest extent of the Mogul empire. It comprehended the whole of the continent of Asia, excepting part of Hindoostan, Siam, Pegu, Cochin China, and a few of the countries of Asia Minor. From this period, however, the empire began to decline. It was divided among a great number of petty princes, who were engaged in perpetual wars with each other.

In 1369 Timur Beg, or Tamerlane, having conquered a number of other princes, was crowned at Balkh, with the pompous title of Sabeib Karan. In 1399 he took the city of Delhi, the capital of the country, and seated himself on the throne of the Indian emperors. See TAMERLANE. He did not, however, disturb the order of succession in Hindoostan, but left Mahmoud, the reigning emperor on the throne, reserving to himself the possession of the Paujab country only. The death of Mahmoud, in 1413, put an end to what is called the Patan dynasty. In 1518 Sultan Baber, a descendant of Tamerlane, conquered a considerable part of the empire. In 1555 his grandson, Acher, ascended the throne, then only 14 years of age. During his reign of 51 years, he established the em-

pire on a sure foundation. As in the person of Baber, the line of Tamerlane first ascended the throne of Hindoostan, so in that of Acher it may be said to have been established: thus Baber was the founder of the Mogul dynasty. The most remarkable prince of this line was Aurengzebe, who in 1660 had attained full possession of the sovereignty. This prince died in 1707. The conquests of the British in India, terminated about 1760, in the entire humiliation of the Mogul, and his being reduced to a state of dependence on the English East India Company.

1838. Acher II., the last representative of the Mogul dynasty, the nominal sovereign of India, the 15th in descent from Baber, who ascended the throne in 1805, died this year, being 81 years of age. His authority, as is well known, had long passed away, and he existed as a mere pensioner of the English government.

MOLDAVIA, province, European Turkey. The sovereign, who is styled hospodar, is tributary to the Grand Seignior. Moldavia and Wallachia were invaded by the Russians, Nov. 23, 1806. These provinces are in a state of double dependence upon Russia and Turkey. In conformity with the treaty of Adrianople, a constitution, called "The Organic Statute," was granted to Wallachia and Moldavia in 1832.

MOLIERE, JOHN BAPTIST POQUELIN DE, an eminent French dramatic writer, was born at Paris about 1620. His first regular comedy, "L'Etourdi," was acted at Lyons in 1653. He obtained permission to open a theatre in the metropolis; and in 1665 was placed in the service of the king, Louis XIV., with a pension. He rapidly rose in reputation as a writer by the new pieces which he presented to the public. The principal were his comedy of the "Misanthrope," "Tartuffe;" and "La Malade Imaginaire," which was the last of his productions. He died in 1653, in his 53d year.

MOLUCCAS, or SPICE ISLANDS, in the Eastern Seas, were discovered in 1511 by the Portuguese, who formed some settlements, but were driven out in 1607 by the Dutch, to whom the islands are at present subject. Till lately, very little information had reached this country respecting this chain of islands. The largest islands, Amboyna, Banda, Ternato, &c., had become some-

what familiar, but many of the others were scarcely known in this country, even by name, till the year 1837, when Lieutenant D. H. Kolff's account of his voyage through the southern, or little known part of the Archipelago, was presented to the Geographical Society.

MOLYNEUX, WILLIAM, astronomer, born 1656, died 1698.

MONARCH, steam-boat, a vessel of 800 tons, ran down the Apollo of 120 tons, on the Thames, near Northfleet. The Apollo was sunk. The crew and passengers were saved, with the exception of the stewardess and two children.

MONASTERIES, houses built for the reception and entertainment of monks, &c. Their origin may be traced to the time of St. Anthony, who, about 270, sold his possessions, and, retiring from the world, fixed his residence on a hill near the Red Sea. In the fourth century the deserts of Egypt became inhabited by a set of solitaries, who took upon them the monastic profession. The first monastery is said to have been founded in France, near Poitiers, by St. Martin, in 360; the first in Britain in 596, when St. Augustine, being sent into England by Pope Gregory, introduced the monastic state into this kingdom. Within the space of 200 years, there were 30 kings and queens who preferred the religious habit to their crowns, and founded stately monasteries.

The dissolution of religious houses began in 1312, when the Templars were suppressed, and in 1323 their lands, churches, advowsons, and liberties, in England, were given by 17 Edw. II. stat. 3, to the prior and brethren of the hospital of St. John at Jerusalem. In the year 1390, 1437, 1441, 1459, 1497, 1505, 1508, and 1515, several other houses were dissolved, and their revenues settled on different colleges in Oxford and Cambridge. Soon after the last period, Cardinal Wolsey, by licence of the king and pope, obtained a dissolution of above 30 religious houses for the founding and endowing his colleges at Oxford and Ipswich. By 27 Hen. VIII. cap. 28, about 380 houses were dissolved, and a revenue of £30,000 or £32,000 a year came to the crown; besides about £100,000 in plate and jewels. By 31 Hen. VIII. cap. 13, all monasteries, &c., which had been surrendered since Feb. 4, in the 27th year of his majesty's reign, and which hereafter should be surren-

dered, were vested in the king. The knights of St. John of Jerusalem were also suppressed by the 32 Hen. VIII. cap. 24. The last act of dissolution in this king's reign was 37 Hen. VIII. cap. 4, for dissolving colleges, free chapels, chantries, &c., which act was farther enforced by 1 Edw. VI. cap. 14. By this act were suppressed 90 colleges, 110 hospitals, and 2374 chantries and free chapels. The number of houses and places suppressed from first to last seems to be 3182, which, at a moderate computation, might contain about 50,000 persons.

MONBODDO, LORD, author of the "Origin and Progress of Language," died May 5, 1799.

MONDEGO, river, Portugal. Its banks were the scene of great military movements between the British and French in 1810 and 1811.

MONDOVI, town, kingdom of Piedmont and Sardinia. In 1796 Buonaparte obtained here an advantage over the Piedmontese, which led the court of Turin to separate from its alliance with Austria.

MONK, GEORGE, DUKE OF ALBEMARLE, memorable for having been the principal agent in restoring Charles II. to his throne, was born in Devonshire in 1608. He early engaged in the cause of parliament, and in 1646 obtained the command-in-chief of all the forces in the north of Ireland, where he performed signal services. On the death of Cromwell Monk proclaimed Richard Cromwell, and continued to make the strongest declarations of his attachment to the republican cause. But, notwithstanding, he was a principal instrument in the restoration of the monarchy. On May 8, 1660, he assisted at the proclamation of Charles II., and on the 28th set out for Dover, where the king landed on the 25th. From thence he proceeded to London, into which he made his public entry with much magnificence on the 29th. About a month after, he was created a peer by the title of Baron Monk, earl of Torrington, and duke of Albemarle. He died Jan. 3, 1670, in his 62d year. His remains were deposited with great funeral pomp in Henry VII.'s chapel in Westminster-abbey.

MONMOUTH, county, England. Before the conquest of Britain by the Romans, Monmouthshire was included within the territories of the Silures, who

were finally reduced to subjection by Julius Frontinus. Early in the fifth century the country became divided into a number of independent states, one of which was called Gevent. This part of the country contained more Roman settlements than most other districts; and, as these were fortified places, the princes or chiefs of Gevent were enabled to defend their territories from the encroachments of the Anglo-Saxons. Monmouthshire continued under the sovereignty of the Welsh princes till the entire subjugation of Wales, by Edward I.; it was afterwards a part of the marches of Wales, and its inhabitants, together with those of the principality, were admitted to a participation in the legislative authority of the kingdom, by the 27th Henry VIII. About 1535 Monmouthshire was detached from the principality, and included among the counties of England; but was regarded as a Welsh county so late as the reign of Charles II., when it first began to be reckoned an English county, because the judge kept the assizes here, on the Oxford circuit.

MONMOUTH, JEFFERY OF, wrote in 1152.

MONMOUTH, JAMES, DUKE OF, natural son of Charles II., born at Rotterdam, in Holland, 1649. He invaded England June 11, 1685; was proclaimed king at Taunton, June 20, following; defeated near Bridgewater July 5; beheaded on Tower Hill, July 15, aged 35.

MONRO, DR. ALEXANDER, an eminent anatomist, and the father of the medical school of Edinburgh, was born in London, Sept. 1697. In 1719 he was appointed professor and demonstrator of anatomy to the company of surgeons, at Edinburgh. His first and principal publication was his "Osteology, or Treatise on the Anatomy of the Bones," in 1726. In 1759 he resigned his anatomical chair, but he still continued to lecture as one of the clinical professors. He died July 10, 1767, aged 70.

MONRO, DR. ALEXANDER, son and successor of the preceding, born 1732; filled the anatomical chair with great credit to himself and to the university, for upwards of 40 years; died 1817.

MONRO, DR. DONALD, physician and medical writer, brother of the preceding, died 1802.

MONS, town, kingdom of Belgium, capital of the province of Hainault. It

has frequently suffered by the calamities of war. In 1746 its fortifications were demolished by the French; and in this state it was restored to the emperor by the peace of Aix-la-Chapelle. After the battle of Jemmappe, it was summoned by Dumourier, and surrendered the next morning.

MONTAGUE, LADY MARY WORTLEY, daughter of Evelyn Pierrepont, earl of Kingston, was born about 1690 at Thornsley, in Nottinghamshire; married to Edward Wortley Montague on Aug. 12, 1712. After the death of Queen Anne he obtained an appointment in the Treasury. In 1716 he resigned his situation at the Treasury board, in consequence of an appointment as ambassador at Constantinople. He left England in August, accompanied by his lady. The embassy continued two months at Adrianople, where Lady Mary found opportunity to augment her acquaintance with eastern manners, by an examination of the Harem, never before permitted to any European. In 1761, after an absence of 22 years, she returned to England; but her health had suffered much, and a gradual decline terminated in death, Aug 21, 1762. Her letters, written during her travels, from the year 1716 to 1718, are much admired; they are composed in a lively, interesting, and agreeable style, and contain many curious facts relating to the manners and government of the Turks, which are no where else to be found.

MONTAGUE, ELIZABETH, author of the "Essay on the Writings and Genius of Shakspeare," and memorable for her May-day festivals and regalement of the chimney-sweepers of the metropolis, at her house in Portman-square on that day, died 1800.

MONTAIGNE, MICHAEL DE, the author of "Essays," &c., born 1533, died 1592.

MONTAUBAN, town of France; its celebrated protestant university suppressed in 1629 was re-established by Buonaparte in 1810, and has four professors of theology.

MONTBLANC. See BLANC, MONT.

MONTEM. The triennial custom of the Eton scholars parading to Salt-hill, and distributing salt, originated about the 15th century, in the early days of monkish superstition, when the friars used to sell their consecrated salt for medical purposes.

MONTESQUIEU, CHARLES DE SECONDAT, BARON, an eminent French writer, was born at the castle of La Brede, near Bourdeaux, in 1689. He became a counsellor of the parliament of Bourdeaux in 1714. In 1721 he published his "Persian Letters," without his name, and was received into the French Academy in 1728. He travelled through Germany, Italy, Switzerland, Holland, and England. His work on the "Causes of the Grandeur and Declension of the Romans," appeared in 1734, and his "Spirit of Laws" in 1750. He died at Paris Feb. 10, 1755. Lord Chesterfield says of him: "His virtues did honour to human nature, his writings justice. His works will illustrate his name, and survive him, as long as right reason, moral obligation, and the true spirit of laws, shall be understood, respected, and maintained."

MONTE-VIDEO, sea-port town, South America, was taken by the British, Feb., 1807; but, after the unsuccessful attack on Buenos Ayres, was evacuated with the other Spanish settlements, the same year. Capitulated to Buenos Ayres, June 20, 1814; became the capital of the United Provinces of La Plata, but these having been separated by the recent disturbances, Monte-Video and the Banda Oriental now form the new republic of Uruguay, of which the former is the capital. It has suffered severely in passing through the hands of the insurgent Artigas, and then of the Portuguese.

MONTFAUCON, French antiquarian, born 1655, died 1741.

MONTGOLFIER, ETIENNE, inventor of the balloon, died in November, 1799.

MONTGOMERY CASTLE was anciently remarkably strong. The Welsh took and demolished it; but, in 1093, it was rebuilt by William Rufus. King Henry III. again seized and destroyed it; but it became, shortly after, the residence of the Lords Herbert and Cherbury. It is now in ruins.

MONTI, VINCENZO, one of the most eminent of the modern Italian poets. His tragedy of "Aristodemo," which appeared in 1786, at once fixed his reputation. His poem of the "Basviliana" insured his most permanent fame. For some time he was secretary to the Cisalpine Republic, and in 1805 was appointed by Napoleon historiographer

of the kingdom of Italy. He died October 13, 1828.

MONTLOSIER, COUNT, one of the most striking writers in that great controversy respecting the origin of basaltic rock, which occupied the attention of mineralogists during the latter half of the last century, died in 1839.

MONTPELIER, city, France, capital of the department of Herault, owes its origin to the time of Charlemagne. A university for the study of medicine was founded here in 1180, and an academy of sciences was instituted in 1706.

MONTREAL, town, Upper Canada, commenced in 1640 by a few log-houses built close together. In consequence of the hazards to which it was exposed from the hostility of the Iroquois, it was surrounded with a high wall, with battlements. It was taken by the English, under the command of General Amherst, in the year 1760. In 1775 it was taken by the Americans, under General Montgomery, but retaken June 15, 1776, and soon after evacuated. The new Roman Catholic cathedral in Montreal, the most splendid temple in the New World, was commenced in 1824, finished in 1829, and dedicated to the Virgin Mary.

MONTROSE, JAMES GRAHAM, MARQUIS OF, a celebrated general in the reign of Charles I. He reduced Scotland to the obedience of the king, and, after his death, made a second attempt, which was defeated by a numerous army. He was betrayed into the hands of the enemy by Lord Aston, his friend, and was executed May 21, 1650.

MONTSERRAT, one of the Caribbean isles belonging to Great Britain, so named by Columbus, who discovered it in 1493. It was planted by a small colony from St. Christopher's in 1632. In 1712 it was invaded by a French force, and suffered much. Taken by the French, Feb. 18, 1782; restored to England 1783.

MONTUCLA, JOHN STEPHEN, French mathematician, was born at Lyons in 1725; in 1755 was elected a member of the Royal Academy of Sciences at Berlin. In 1758 he published his "History of the Mathematical Sciences." He died Dec. 1799.

MONUMENT OF LONDON, a magnificent pillar erected by order of parliament, in memory of the burning of the city of London in 1666. It was designed by Sir Christopher Wren, and was com-

menced in 1671, and finished in 1677. It is of the Doric order, fluted, 202 feet high from the ground, and 15 feet in diameter. It is built of solid Portland stone, with a staircase in the middle, of black marble, containing 345 steps. The lowest part of the pedestal is 28 feet square, and its altitude 40 feet; the front being enriched with curious baso-relievo. It has a balcony within 32 feet of the top, where is a curious and spacious blazing urn of gilt brass.

FALLS FROM THE MONUMENT. 1750. June 25, about four o'clock in the afternoon, a man, supposed to be a weaver, fell from the top.

1788. July 17, Thomas Craddock, a baker, threw himself over the north side; he cleared the pedestal and the iron rails, but fell just outside of them, near to the north-west corner.

1810. January 18, Lyon Levy, a Jew dealer in diamonds, fell from the gallery on the east side. He struck the pedestal, but cleared the rails, and fell one yard outside, near to the south-east corner.

1839. September 11, Miss Margaret Moyes, one of four sisters, who resided at No. 3, Hemming's-row, Charing-cross. She had been in an excited state for above a week, frequently crying. She was also observed to cry before she left home to commit this horrible deed.

1839. October 18, Richard Donaldson Hawes, aged about 18 or 19. He was the son of a laundress, residing near Chelsea. It has also been discovered that the father of the unfortunate youth destroyed himself by casting himself from an elevation.

MOORE, DR. JOHN, a celebrated miscellaneous writer, was born at Stirling, in 1730. In 1772 he obtained the diploma of doctor of physic from the university of Glasgow, and soon after accompanied the son of the duchess of Hamilton and Argyle on the continent. They spent five years together in this tour, and visited France, Italy, Switzerland, and Germany. He was author of "A Journal during a Residence in France," and other works; all of which display a comprehensive knowledge of life and manners derived from his travels. He died in 1803.

MOORE, SIR JOHN, son of the preceding Dr. Moore, a celebrated British general, was born at Glasgow, November 13, 1761. In 1795 he was appointed a brigadier-general in the West Indies,

and served with honour under Sir Ralph Abercrombie. His next appointment was also under Sir Ralph Abercrombie, in the expedition to Holland in 1799, with the rank of major-general, and afterwards in Egypt. He had the chief command of the embarkation of the troops previously to the attempt on Alexandria, and continued to serve in the army of Egypt until after the surrender of Alexandria. When he returned to England at the peace, he received the honour of knighthood, and the order of the bath. Sir John Moore was called, in 1808, to take upon him the command of an armament which the British government had prepared in aid of the Spanish patriots, then engaged in hostilities with Napoleon. In this disastrous campaign, by the masterly disposition of his troops at Corunna, he repelled the formidable attack of the French army, in which action a cannon ball deprived him of life. In his last moments he was consoled by the intelligence that victory had secured a safe embarkation for his troops. He died January 16, 1809.

MOORE, DANIEL, F.R.S., fellow of the Royal Antiquarian, Linnæan, Astronomical, Horticultural, and other learned and scientific societies. He died Jan. 6, 1828, aged 68.

MOORE, PHILIP, an English divine, translator of the Bible, &c. into the Manks language, died 1783.

MOORE, JAMES, an English dramatic writer, died 1734.

MOORSLEDABAD, a city of Hindoostan, province of Bengal. It became the capital of Bengal in 1704, when the seat of government was removed from Dacca; and it continued to be the metropolis until the conquest of Bengal by the British in 1757, when it was virtually superseded by Calcutta.

MOOSE ISLAND, Pasamaquoddy Bay, surrendered to the British July 11, 1814.

MORA TREE, a new botanical genus, of the order Leguminosæ, a native of the forests of British Guiana, where it attains a large size, the trunk often exceeding 90 feet in height. On March 20, 1838, was read to the Linnæan Society a description of this tree, by Mr. R. H. Schomburgh, whose researches in Guiana are well known. The trunk produces large buttresses at its base, which, from their partial decay, afterwards became hollow beneath, and form

a chamber capable of sheltering several persons standing erect. The tops of these buttresses, and the trunk itself, are found clothed with innumerable epiphytes, which greatly add to the singularity of the tree.

MORAVIANS, or UNITED BRETHREN, a sect of protestant Christians, who profess to derive their origin from the protestants of Moravia, who, in the 15th century, threw off the despotic yoke of Rome. The modern Moravians owe their origin and present establishment to Nicholas Lewis, count of Zinzendorf, who, in 1721, settled at Bertholdsdorf, a village in Upper Lusatia, afterwards called Herrnhuth. In 1732, 1736, and 1737, commissioners were appointed to examine into the doctrines and proceedings of the brethren. The commissioners made a favourable report; and ever since both Herrnhuth and other settlements of the brethren in Saxony have been protected. The Moravian brethren have similar settlements in Holland, Denmark, England, Ireland, and America, and their missionary exertions have been eminently successful. See **MISSIONS**.

MORAYSHIRE, or MURRAYSHIRE, Scotland, was the scene of several battles between the Scots and Danes, about 1010, and subsequently witnessed bloody contests between the king and his subjects. The Covenanters attacked Montrose in 1645; and for about 50 years afterwards the contest between the king's troops and the Highlanders was carried on in this country.

MORE, SIR THOMAS, an eminent statesman and lord high chancellor of England, was born at London in 1480. At the age of 19 he entered the New Inn in London to study the law. Before he had attained his 23d year, having been chosen a member of the house of commons, he had an opportunity of distinguishing himself by an opposition to some of the arbitrary measures of Henry VII., in consequence of which he was obliged to give up his practice at the bar and live in retirement. The death of Henry VII., in 1509, enabling him to resume his practice, his talents and acquirements soon raised him to eminent distinction. In 1514 he was appointed, by the city of London, judge of the sheriff's court. About 1529, [on the disgrace of Wolsey, More was made chancellor, which office he executed for three years with great wisdom and inte-

grity; but, in 1533, in order to avoid the danger of refusing to confirm the king's divorce, he resigned the seals. Refusing to take the oath enjoined by the act of supremacy, he was committed to the Tower, and, after 15 months' imprisonment, was tried at the bar of the king's bench for high treason; the jury brought him in guilty, and he was condemned to suffer as a traitor. He was beheaded on Tower-hill, July 6, 1535, in the 56th year of his age, deeply lamented by all who knew his worth, and admired even by his enemies.

MORE, HANNAH, one of the most celebrated female writers of the present day, was born in 1744, at Stapleton in Gloucestershire, where her father kept the charity-school at the Fishponds. At an early age her literary abilities having been made known to some of the neighbouring gentry, a subscription was formed for establishing her and her sisters in a school of her own. Her first publication, "The Search after Happiness, a pastoral Drama," was written when she was 18 years of age, although not published until 1773. After writing several tragedies, the best of which was "The Fatal Falsehood," in 1779, her opinions on public theatres underwent a change, and she herself stated in the preface to the third volume of her works, "she did not consider the stage, in its present state, as becoming the appearance or countenance of a christian."

In 1782 she sent forth a volume of "Sacred Dramas," with a poem annexed, entitled "Sensibility." Between 1786 and 1789, she published different poems of more or less merit. In 1799 her "Strictures on the Modern System of Female Education" appeared. At this time she took up her residence at Barley Wood, a cottage delightfully situated in the village of Kingston, where she wrote "Hints towards forming the Character of a Young Princess." In 1809 was published, "Cœlebs in search of a Wife." In 1811 and the following year, appeared her "Practical Piety; or, the Influence of the Religion of the Heart on the Conduct of the Life," and "Christian Morals." In 1815 she published one of the ablest of her performances—"An Essay on the Character and Writings of St. Paul." She had previously retired from Barley Wood to a neat house in Clarence-place, Clifton, where she lived in a state of peaceful

quietude till September 7, 1833, when she died, at the age of 88 years.

MOREA, peninsula of Europe, to the south of Greece, to which it is joined by the isthmus of Corinth, anciently called Peloponnesus. The kingdoms of which it once consisted were Sicyon, Argos, Mycenæ, Corinth, Achaia Propria, Arcadia, and Laconia. It was the scene of the most brilliant achievements in Grecian history, and was afterwards a province of the Roman empire. In the 15th century it was occupied by the Turks; and after being alternately in possession of that powerful people and the Venetians for two centuries, it finally became subject to the Porte in 1715, in whose hands it continued under the appellation of the Morea, till the late Grecian war. By the treaty of 1830, it was agreed to form a part of the new kingdom of Greece. See GREECE.

MOREAU, the French general, wounded by a cannon ball while talking to the emperor of Russia, before Dresden, August 28, and died September 4, 1813.

MORELL, DR. THOMAS, the lexicographer, died 1784, aged 83.

MORELLO, general of the insurgent army in South America, condemned and executed at Mexico 1816.

MORERI, LEWIS, historian, born in France 1643, died 1680.

MORGAN, WILLIAM, author of "Doctrine of Annuities and Assurances on Lives," &c. died 1833.

MORGAGNI, G., the anatomist, born 1681, died 1771.

MORGHEN, RAPHAEL, distinguished engraver, born at Naples June 19, 1758, died at Florence, April 8, 1833, aged 75.

MORLAND, GEORGE, an English artist, was born in 1764. His favourite subjects were interiors of stables, pigstys, farm-yards, doors of public-houses, &c., in which he excelled; but having unhappily acquired a habit of intoxication, he fell into decay, and a premature dissolution closed his mortal career, October, 1804, in his 40th year.

MORNAY, P. DU PLESSIS, a French statesman, born 1549, died 1623.

MOROCCO, ancient Mauritania, a kingdom north-west of Africa, the chief of the states comprehended under the general denomination of Barbary. It was occupied by the Romans A.C. 25, and reduced by them to a province A.D.

50. From this time it underwent various revolutions, till the establishment of the Almoravides. The second emperor of this family built the capital Morocco. About 1116 Abdallah, the leader of a sect of Mahometans, founded the dynasty of Alnahides, which ended in the last sovereign's total defeat in Spain 1312. At this period Fez and Tremecen, then provinces of the empire, shook off their dependence. Morocco was afterwards seized by the king of Fez; but the descendants of Mahomet, 1550, subdued and united again the three kingdoms, and formed what is at present the empire of Morocco.

MORRISON, REV. DR. ROBERT, F. R. S., &c., an eminent Chinese scholar, was born at Morpeth, Jan. 5, 1782. On May 28, 1805, he placed himself under the patronage of the London Missionary Society; and having chosen China as the field of his missionary labours, on Jan. 8, 1807, he was formally ordained in the Scottish church, in Swallow-street. On Jan. 31 he embarked for China, and landed at Macao on Sept. 4, 1807, whence he proceeded to Canton. In 1813 he completed an edition in Chinese of the whole of the New Testament. In 1815 he commenced the publication of his "Dictionary of the Chinese Language." It consists of three parts: the first part containing the Chinese and English, arranged according to the radicals, bearing date 1815, 1822, and 1823; the second part, published in 1819 and 1820, contains the Chinese and English, arranged alphabetically; the third part, published in 1822, consists of English words with Chinese meanings.

Dr. Morrison's Chinese Dictionary occupied, from its commencement to its completion, 13 years of the prime of his laborious life. The translation and publication of the whole of the Old and New Testament, in 19 volumes octavo, was completed in 1819. On the arrival of Lord Napier at Macao, with his majesty's commission, constituting the new arrangement for the administration of the British affairs in Canton in 1833, he appointed Dr. Morrison Chinese secretary and interpreter to the commission. To the zealous discharge of the duties of this appointment, his life fell a sacrifice. On July 25, 1834, having been exposed during the night in an open boat, on the Canton river, to very boisterous and rainy weather, his illness was greatly

increased in consequence, and he expired Aug. 1.

MORTIMER, ROGER, earl of March, hanged Nov. 29, 1330.

MORTMAIN, an alienation of lands or tenements to any corporation, ecclesiastical or temporal, as bishops, vicars, &c. To prevent the undue alienation of property for charitable and religious purposes, various statutes were enacted, particularly the statute *de religiosis*, 7 Edward I., 1279, called the Mortmain Act, which provided that no person, religious or other whatsoever, should buy, or sell, or receive under pretence of a gift or term of years, or any other title whatsoever; nor should by any art or ingenuity, appropriate to himself any lands or tenements in mortmain, upon pain that the immediate lord of the fee; or, on his default for one year, the lords paramount, and in default of all of them, the king, might enter thereon as a forfeiture. This was afterwards regulated by other statutes, particularly 9 Geo. II. c. 36.; 43 Geo. III. c. 108; 7 and 8 Will. III., &c.

MOSCOW, or **MOSKVA**, city, European Russia, is not a place of great antiquity; was founded in the middle of the 12th century, and was progressively enlarged in the 13th and 14th centuries. In 1571 it fell into the hands of the Tartars, and was surrendered to the flames. It was afterwards recovered and re-built by the czars, and remained for a century and a half the sole capital of the empire. Since the building of St. Petersburg, in the early part of the 18th century, it has been the occasional residence of the court. The most remarkable event in the history of Moscow is its occupation by the French, on their invasion of Russia, in 1812; and its entire destruction by fire by the Russians, under the command of the governor, Count Rostopchin, in order that it might not afford winter quarters for the French army. This event took place on Sept. 14, and on Oct. 19 the enemy were compelled to commence one of the most calamitous retreats ever recorded in history. The re-building commenced in 1817, under the emperor Alexander. In 1823 Dr. Lyell and Captain Cochrane found the work of reparation far advanced, and the new streets and edifices were constructed in a more regular style. According to a work published in 1824 at Moscow, by M. Leconite, 6341 houses had been

burned, and 8027 had been built, so that it was larger than before.

MOSELEY, DR. B., physician, born in Essex, died 1819.

MOSES, born A.C. 1571; fled into Midian, where he continued 40 years, and married Zipporah, the daughter of Jethro, 1531; set up the Tabernacle, and in it the Ark of the Covenant 1491. The five books of Moses were written in the land of Moab, where he died 1451, aged 120.

MOSHEIM, JOHN LAURENCE, author of "Ecclesiastical History," born 1695, died 1755.

MOTHE, LE VAYER, FRANCIS DE LA, a French writer, born 1588, died 1672.

MOTHERWELL, WILLIAM, born at Glasgow, author of an interesting and valuable collection of ballads, which he published in 1827, under the title of "Minstrelsy, Ancient and Modern," &c. He died Nov. 1, 1835, aged 38.

MOTTE, A. H., DE LA, a French poet, born 1672, died 1731.

MOULIN, CHA. DU, French writer, born 1500, died 1566.

MOUNT OF PIETY, at Naples, burnt down with the loss of above 2,000,000 crowns, July 31, 1786.

MOUNTSANDFORD, LORD, killed at Windsor in an affray with a party of journeymen shoemakers, June 14, 1828. Two of the persons engaged in this unhappy event were afterwards found guilty of manslaughter.

MOURZOUK, or MOURZUK, city, North Africa, kingdom Fezzan. It was here that Captain Clapperton, the late African traveller, in 1821, was courteously received by the sultan of Fezzan, but detained for near 12 months, from jealousy of the object of his mission.

MOZAMBIQUE, or MOSAMBIGUE, island of, discovered by Vasco de Gama, 1498.

MOZART, JOHN CHRYSOSTOM WOLFGANG THEOPHILUS, an eminent musical composer, was born at Salzburg in Bavaria, in 1756. At seven years of age he visited Paris, when he played the organ of the king's chapel, before the whole French court. He next visited London, where his talents excited universal attention. In 1781 he produced his opera "Idomeneo," which, with that of "Don Juan," he is said to have considered the best of his productions. His compositions were

very numerous, and embraced every branch of the science. He fell at last into a state of complete melancholy, but was employed in musical composition as long as he was able to make the least exertion. He died in the 35th year of his age, in 1792.

MUDGE, MAJOR-GENERAL WILLIAM, the mathematician, for many years employed on government surveys, died 1820.

MUGGLETONIANS, a religious sect sprung from L. Muggleton, a journeyman tailor, 1657.

MULGRAVE'S ISLANDS, LORD, a group of islands in the Pacific Ocean, closely adjoining on the east to the Carolines, discovered by Captains Marshall and Gilbert, in a circuitous voyage from Port Jackson to Canton; afterwards more fully examined in 1817, by Kotzebue, who discovered the important isles of Radack and Ralik.

MULL, island of, one of the largest of the Hebrides, anciently was part of the territories of the lords of the isles; but it subsequently came into the possession of the Macleans, who still retain half of it, the other part having belonged, since 1674, to the dukes of Argyll.

MULLER, WILHELM, one of the most popular German lyric poets of his time, born October 7, 1794. Besides his larger works, many tales and other productions from his pen appeared in various pocket-books; and in the "Urania," for 1828, an admirable novellette, entitled "Deborah." He died Oct. 1, 1827, aged 33.

MULLER, the distinguished professor of Gottingen, died at Athens, Aug. 1, 1840, of a fever caught at Delphi, caused by exposing himself to the intense heat of the sun.

MUMMY, a carcass or body embalmed or dried in the manner of the ancient Egyptians. A mummy which formed part of the collection of M. Passalacqua was opened in 1827, in the gallery of Egyptian Antiquities at Paris in presence of her royal highness Madame, of the ambassadors of Prussia, Bavaria, and Tuscany, the duke of Blacas, Count Turpin, and Messrs. Champollion, Figeac, Champollion, junior, &c. After opening the external covering, which was attended with considerable difficulty, the bandages, which formed more than 26 turnings, from the head to the feet, were unrolled. The body, by reason

of the bituminous substances which had been employed in the process of embalming, was in a state of perfect preservation.

1838. Among the curiosities lately added to the museum of the Royal Society of Northern Antiquities at Copenhagen, there is the mummy of a female, found in a peat bog near Haraldskioer in Jutland, supposed, on good grounds, to be the body of Gunnhilda, Queen of Normandy, whom King Harold Blaaland enticed, by promise of marriage, to come to Denmark in 965, when he put her to death by sinking her in a bog.

1839. A million of mummies, it is stated, have lately been discovered in the environs of Durango, in Mexico. With them were found fragments of finely worked elastic tissues (probably our modern India-rubber cloth,) and necklaces of a marine shell found at Zacatecas, on the Pacific, where the Indians, probably, landed from Hindoostan, or from the Malay or Chinese coast, or from their islands in the Indian Ocean.

MUNDEN, JOHN SHEPPERD, the eminent comic actor, was the son of a poulterer in Brooks' market, Holborn, where he was born in 1758. His father died soon afterwards, leaving his widow with slender means, and Munden was thrust upon the world to seek his fortune at 12 years of age. After a variety of adventures at provincial theatres, he appeared Dec. 2, 1790, at Covent Garden theatre, as Sir Francis Gripe, in the "Busy Body," and Jemmy Jumps in the "Farmer;" his success in which parts established his popularity. During his theatrical course he was successively the original representative of Old Rapid, Caustic, Brummagem, Lazarillo, ("Two Strings to your Bow,") Crack, Nipperkin, Sir Abel Handy, Sir Robert Bramble, Old Dornton, &c. On May 31, 1824, he took his farewell of the stage, in the character of Sir Robert Bramble in the "Poor Gentleman," and Old Dozy in "Past Ten o'Clock." He died Feb. 6, 1832, aged 73.

MUNICH, capital of the kingdom of Bavaria. In 1632 it surrendered to the Swedes and German protestants, under Gustavus Adolphus; in 1704, after the battle of Blenheim, it fell into the hands of the Bavarians; and in 1741 it shared the vicissitudes of war by the elector attempting to attain the imperial crown. For half a century it was free from war;

but in 1796 the French army under Moreau, obliged the elector to make a separate treaty. In 1800 Moreau again occupied Munich.

MUNICIPAL CORPORATIONS. See **CORPORATION.** In 1836 and 1837 bills for the reform of Irish municipal corporations were brought before parliament, which passed the commons, but were rejected by the lords.

1840. Early in the first session of parliament the subject was resumed, and the statute 3 & 4 Victoria c. 108 was passed August 10. It defined certain towns in which it was proposed to substitute corporations for those now existing, others in which the corporations were also to be abolished, but no others created, although power was given to the crown upon the petition of a majority of the inhabitants to establish corporations. The act gave the management of corporate property in the towns in schedule B to the commissioners acting under 9 Geo. IV., wherever that act was in operation. It authorised the appointment of commissioners, provided the property was worth £100 a year; but if it was not worth so much, then the act provided that it should be administered by the guardians of the poor, in aid of the poor-rates, and for general purposes.

MUNRO, MAJOR-GENERAL SIR THOMAS, K.C.B., governor of Madras. He proceeded to India in the year 1778, as an infantry cadet, in the service of the East India Company, and was present at the fall of Seringapatam, in May, 1779. He obtained the rank of lieutenant-colonel in 1804; in 1808 he returned to England. He was next sent to Madras by the court of directors, on an important duty connected with the permanent settlement of the revenues of that presidency. He took his seat as governor on June 10, 1820. In 1819 he received the dignity of a knight companion; and was created a baronet, June 30, 1825. He died in India July 6, 1827.

MUNROE, JAMES, president of the United States of America, born 1759, died in India July 4, 1831.

MUNTZER, THOMAS, founder of the sect of Anabaptists, put to death 1525.

MURAT, JOACHIM, brother-in-law of Buonaparte, made king of Naples, Aug. 1, 1808. Acceded to the confederacy of sovereigns against Buonaparte, Jan., 1814. Having been defeated by the Austrians, he quitted Naples, April

22, 1815. After wandering from Toulon to Corsica, and from Corsica to the coast of Calabria, he was there taken, tried by a military commission, and shot October 15.

MURCIA, town, Spain, was taken by the Moors in 713, after a desperate resistance. In 1236 it was taken by Alphonso X. of Castile. In the beginning of the 18th century it declared for the Bourbon branch. It was entered by the French April 23, 1810.

MURPHY, ARTHUR, dramatic writer, and translator of "Tacitus," died 1819.

MURRAY, EARL OF, regent of Scotland, killed Jan. 23, 1570.

MURRAY, DR. ALEXANDER, the Orientalist, born 1775, died 1813.

MUSÆUS, author of the poem of "Hero and Leander," flourished A. C. 400.

MUSEUM. The first person who formed a cabinet of natural and artificial curiosities in England was Sir John Tradescant, who lived in the reign of Charles I. His son followed his example; by their joint exertions, a valuable collection was framed, which afterwards became the property of Mr. Elias Ashmole, and was the origin of the Ashmolean Museum, at Oxford; founded in 1679; completed in 1682.

Sir Ashton Lever opened his magnificent cabinet to the public in Leicester-square, in 1780, which had cost him upwards of £30,000, and which afterwards became the property of Mr. Parkinson, who erected a building suitable for its reception, near Blackfriars Bridge. The whole was sold by auction in several thousand lots, in the spring of 1806.

Mr. Bullock, about three years afterwards, opened his interesting museum of natural history and other curiosities in a large apartment in Piccadilly, which was shortly after removed to a magnificent edifice in the Egyptian style of architecture, near the end of Bond-street, in Piccadilly.

The British Museum owes its origin to Sir Hans Sloane, whose collection was purchased by parliament, and opened in January 1759. See **BRITISH MUSEUM.**

MUSIC, in its ruder forms, was probably known at the earliest periods of human existence. The Egyptians have produced more satisfactory proofs of the antiquity of their music than any other nation in the world. The monaulos, or single flute, called by the Egyptians

photinx, was one of the most ancient wind instruments used by them, or any other nation. But the chief music of the ancients was vocal, and regulated entirely by the rhythm of the poetry. The hexameters of Homer were probably sung to melody which he had composed. It has been disputed whether or not the ancients had any knowledge of harmony; that is, of music in parts. Dr. Burney concludes on the whole, that though they might employ in their music those chords which were most perfect and simple, such as the octave, the fifth, and the third, they were ignorant of what is now termed regular counterpoint.

The invention of notation and musical characters is ascribed to Terpander, a celebrated poet and musician, who flourished about the 27th Olympiad, or A.C. 671. Among the Greeks this department of science became the source of various sects, and of much diversity of opinion. The founders of the most distinguished sects were Pythagoras and Aristoxenus. Of late the opinions of Pythagoras have been on some important points confirmed by absolute demonstration.

Music was early introduced into the Christian church. The practice of chanting the psalms was brought into the western churches by St. Ambrose, about 350, and improved by St. Gregory the Great, in 600. In England music was employed in the church service, first by St. Augustine, and afterwards much improved by St. Dunstan, who was himself an eminent musician, and who is said to have first furnished the English churches and convents with the organ. The first organ seen in France was sent from Constantinople in 757. In Italy, Germany, and England, it became common in the course of the 10th century. Guido Aretino, a monk of Arezzo in Tuscany, is, in the general opinion, supposed to have entertained the first idea of counterpoint about 1022. He was also the inventor of the method of *solmisation*, or singing by syllables. See ARETINO.

The invention of the time table is attributed by almost all the writers on music to John de Muris, who flourished about 1330. But in the manuscript of John de Muris himself, in the Vatican library, that honour seems to be yielded to Magister Franco, who lived about 1083. John de Muris, however, very much improved the art of counterpoint. Florid counterpoint, or figurative har-

mony, is ascribed to the English, and individually to John Dunstable, who died about 1453.

In the 16th century music was an indispensable part of polite education: all the princes of Europe were instructed in that art. A collection is still preserved in manuscript, called "Queen Elizabeth's Virginal Book." During the reign of Elizabeth the genius and learning of the British musicians were not inferior to any on the continent. Towards the close of the reign of James I. a music lecture, or professorship, was founded in the university of Oxford, by Dr. William Hychin. In the reign of Charles I. a charter was granted to the musicians of Westminster, incorporating them, as the king's musicians, into a body politic. Prior to 1600 there was little other music except masses and madrigals, the two principal divisions of sacred and secular music; but, from that time to the present, dramatic music has become the chief object of attention. At Rome, the first public theatre opened for the exhibition of musical dramas, in modern times, was Il Torre de Nona, where, in 1671, "Giasone" was performed.

The year 1710 is distinguished by the arrival in Britain of George Frederick Handel, and the sacred musical drama, or Oratorio, though invented early in the 14th century, was now revived under favourable auspices, and first brought into general notice. See HANDEL. During the latter part of the 18th century many eminent composers also flourished on the continent, as Jomelli, the family of the Bachs, Glück, and Haydn; but no discoveries or improvements have taken place in the science which merit particular notice. Within the last few years several new instruments have been invented. See MUSICAL BOXES, HARMONICA, HARMONIPHON, &c.

MUSICAL BOXES, first introduced 1817.

MUSICAL GLASSES. See HARMONICA.

MUSICIANS' COMPANY, London, incorporated 1604.

MUSKETS, first used in France at the siege of Arras, 1414; in general use 1521.

MUSLINS, originally manufactured in India; first worn in England 1670; 324,352 pieces were sold by the East India Company in 1789; they were first

manufactured in England in 1781. They are made in immense quantities at Manchester, Glasgow, &c., of a fineness and durability which rival those of India, at the same time that they are very considerably cheaper. See COTTON.

MUSSCHENBROECK, PETER DE, an eminent mathematician and natural philosopher, was born at Leyden in 1692. He became professor of mathematics and natural philosophy at his native place, in which department he greatly distinguished himself. He was elected a member of the Royal Society of London, and also of the Academy of Sciences at Paris. He died in 1761.

MUTINY, in the army or navy, denotes any insurrection against authority. A mutiny took place on board the fleet at Portsmouth for advance of wages, &c., April 18, 1797. It partially subsided by a promise from the Admiralty Board, which being delayed, occasioned a recommencement on board the London man of war, when Admiral Colpoys and his captain were put into confinement for ordering the marines to fire, whereby three lives were lost. The mutiny subsided May 10, when an act passed to raise their wages, and the king pardoned the mutineers. A more considerable one broke out at the Nore, which blocked up the trade of the Thames: it subsided June 10, 1797, when the principal mutineers were put in irons, and several were executed.

MUTINY ACT, annually passed by parliament, to punish mutiny and desertion, and for the better payment of the army and their quarters. The first of these acts passed on April 12, 1689, and was to continue in force to Nov. 10, in the same year; it continued as a matter of course, to 9 George IV., 1828. The following year an alteration was made by 10 George IV. c. 6, passed March 23, 1829, which differed from the last mutiny act, principally in the simplicity of its arrangement, by which it

was very considerably shortened; the former act consisting of 163 sections, and the latter only of 77. By section 1, the number of forces were reduced from 91,075 to 89,723; and by sect. 9, the powers of district and garrison court-martial were greatly enlarged, and modified to suit the present time. By 1 William IV. c. 15, March 15, 1831, further improvements were made. By section 10, the powers of regimental court-martials were defined: "they may sentence any soldier to imprisonment, with or without hard labour, for any period under 30 days, and to solitary confinement, under 20 days," &c.

MYSORE, province, in the south of India, situated between the 11th and 15th degrees of north latitude, and now surrounded by the British territories, under the Madras presidency. The whole of this country was subdued by Hyder Ali, who usurped the throne of Mysore in 1759, made Seringapatam his capital, and was engaged in a war with the Company. He was succeeded by Tippoo Suldaun, who continued his father's state of warfare. On the termination of the war in 1792, Tippoo agreed to pay 30 lacs of rupees, and to cede one half of his dominions to the English and their allies. In 1799, a new war taking place, his capital was taken by the English on May 4, and himself killed in the assault. A partition of his remaining territories took place; and on June 30 following, Kistna Rajah, then only five years old, was placed by the British on the throne of his forefathers, and remains entirely dependent on their protection.

MYSTICS, a religious sect, distinguished by their professing pure, sublime, and perfect devotion, flourished in the fourth century. In the 13th century they were the most formidable antagonists of the schoolmen; and had, in the 15th century, many persons of distinguished merit in their number.

N.

NAHUM, the prophet, flourished A.C. 758.

NAIAD TRANSPORT, lost by striking on the rocks off the coast of Newfoundland, Oct. 23, 1805.

NAIAD FRIGATE, attacked off Bou-

logne by seven French praams, by order of Buonaparte, which were repulsed and driven under their batteries, Sept. 21, 1811.

NAMUR, fortified town, Belgium, celebrated in English history for the

long siege which it sustained in 1692, against Louis XIV., and again in 1695, against William III. of England. It was often taken and retaken during the wars of the French revolution; and it was the scene of an obstinate conflict in 1815, between the Prussians and the French, under Grouchy, when retreating after the battle of Waterloo.

NANTES, city, France, department of the Lower Loire. Its university, founded in 1460, has, since the revolution, been converted into a lyceum. It has been the seat of several ecclesiastical councils, and is noted for the celebrated edict issued there by Henry IV., in 1598, in favour of the protestants, which was revoked in 1685.

NANTWICH, market town, Cheshire. In the reign of William the Conqueror, a sanguinary battle between the English and Welsh was fought in its vicinity. In 1113 it was laid waste by the Welsh, and in 1146 a band of these mountaineers was defeated here. At the time of the civil wars between the king and the parliament, in the 17th century, Lord Byron besieged it for the king; but his army was attacked and defeated by the parliamentary forces under Sir William Fairfax. In 1438 almost every house in the town was consumed by fire.

NAPIER, JOHN, baron of Merchiston, in Scotland, celebrated as the inventor of the logarithms, was born in 1550. After going through the ordinary course at the University of St. Andrew's, he made the tour of France, Italy, and Germany. He communicated his discovery of the logarithms to Mr. Briggs, mathematical professor in Gresham college in 1615. See **LOGARITHMS**. His last literary exertion was the publication of his "Rabdologia and Promptuary," in 1617, containing the description and use of an apparatus called Napier's Bones. See the next article. He died at Merchiston, April 3, the same year, in the 68th year of his age.

NAPIER'S BONES, a method of computation by means of marked pieces of wood, invented by Lord Napier, 1617.

NAPLES, kingdom, Italy, anciently Capua and Campania. Great part of the country was inhabited in ancient times by the Etruscans, who built Nola and Capua. This territory has undergone various revolutions, and was distinguished from another division of Sicily by the title of

the kingdom of Puglia, of which Roger, count of Sicily, was the first monarch, 1127. Given by the pope to the Comte d'Anjou, in 1266, in exclusion of the right heir, Conradin, who was taken prisoner and beheaded, aged 16.

1386. Charles, king of Naples, being invited by the Hungarians to the crown of Hungary, was, when there, crowned; afterwards murdered by order of the queen regent, who for this was soon after taken out of her carriage, and drowned in the river Boseth.

1442. Alphonsus, of Arragon, united Sicily to Naples, and the sovereigns have been since called kings of the Two Sicilies. The kingdom was taken from the French and annexed to Spain 1504; continued with the Spaniards till 1706, when it was again taken by the emperor; conquered by the Spaniards again 1734; settled on Don Carlos, son of the king of Spain, 1736; resigned to his third son, Ferdinand, 1759.

1799. The French seized on Naples, and compelled the king to retire to Sicily, Jan. 24, but it was restored on July 10, following, when the king returned. In 1806 the lawful monarch was again driven from Naples, and Joseph Buonaparte made king of it by his brother. 1808. The crown transferred to Joachim Murat, Aug. 1; restored to Ferdinand 1814.

1840. Although Naples is well situated for commerce, since the restoration, the unwise policy of the government has been most unfavourable to its growth, and has confined it within comparatively narrow limits. The annual imports into Naples, from Britain and her colonies, amount to £575,000; the exports £174,000. Disputes with Naples respecting the sulphur monopoly by a French company; settled in April by the mediation of the French government.

NARES, DR., musical composer, born 1715, died 1783.

NARES, REV. ROBERT, author of "The Elements of Orthoëpy," &c., died 1829, aged 75.

NARVA, a sea-port town, European Russia, was taken by the Russians from the Danes in 1558, and by the Swedes in 1581. Near Narva is also the spot celebrated for the victory which Charles XII., in the 19th year of his age, gained over the Russian army in 1700.

NASEBY, parish, Northamptonshire. On Naseby field, adjacent to this village,

was fought in 1645, a memorable battle between the royalists and parliamentarians, in which the royalists were totally defeated.

NASH, JOHN, a modern architect; one of those attached to the board of works. He designed the Pavilion, at Brighton; the New Palace, at St. James's Park; Regent-street; and the Regent's Park. He died May 13, 1835.

NASH, RICHARD, familiarly styled "King of Bath," died 1761.

NASH, THOMAS, satirist and dramatist, born 1564, died 1601.

NATAL, PORT, South Africa, country of the Zoolas, on a river of the same name. The country was discovered in 1498, by Vasco de Gama, during his first voyage, and was frequented by the earlier navigators to India. Captain Vidal, of his majesty's vessel Barracouta, visited the coast of Natal in 1823, and explored it by order of government; and since 1824. Port Natal has been almost constantly occupied by British subjects, who have succeeded in opening a trade with the natives, which gradually increased, from the encouragement afforded by the Zoolas.

1839. Disputes arose between Dingan, the Caffre chief, and the colonists, in which the former had carried off their cattle: nevertheless, by accounts from Port-Natal to September 4, the new colony appeared to be in a fair way of progress, and cultivation was going on prosperously. Several interviews had taken place between the chiefs of the emigrant camp and Dingan, the Caffre leader, and his envoys. Since that time the death of Dingan has taken place.

NATIONAL ASSEMBLY of France, instituted May 4, 1789.

NATIONAL DEBT, sums which have been, from time to time, lent to government. See FUNDS. The practice of regular loans to defray the war expenditure, began in this country in the reign of William III. Before that time it was customary to borrow upon the security of some tax, set apart as a fund for discharging the principal and interest of the sum borrowed. This discharge was, however, very rarely effected.

The following is an account of the progress of the national debt of Great Britain, from the Revolution to the present time:—

	Principal. £	Interest. £
Debt at the Revolution in 1689	664,263	39,855
Excess of debt contracted during the reign of William III., above debt paid off	15,730,439	1,271,087
Debt at the accession of Queen Anne in 1702..	16,394,702	1,310,942
Debt contracted during Queen Anne's reign....	37,750,661	2,040,416
Debt at the accession of George I. in 1714	54,145,363	3,351,358
Debt paid off during the reign of George I. above debt contracted	2,053,125	1,133,807
Debt at the accession of George II. in 1727 ..	52,092,238	2,217,551
Debt contracted from the accession of George II. till the peace of Paris in 1763, three years after the accession of George III.....	86,773,192	2,634,500
Debt in 1763	138,865,430	4,852,051
Paid during peace	10,281,795	380,480
Debt at the commencement of the American war in 1775	128,588,635	4,471,571
Debt contracted during the American war	121,267,993	4,980,201
Debt at the conclusion of the American war in 1784	249,851,628	9,451,772
Paid during peace, from 1784 to 1793	10,501,380	243,277
Debt at the commencement of the French war in 1793	239,350,148	9,208,495
Debt contracted during the French war.....	608,932,329	24,645,971
Total funded and unfunded debt, Jan. 5, 1817, when the English and Irish Exchequers were consolidated	848,282,477	33,854,466

Since 1817 a deduction has been made of the debt, and about 5,000,000 from of above 80,000,000 from the principal the annual charge on its account. This

diminution has been principally effected by taking advantage of the fall in rate of interest since the peace, and offering to pay off the holders of different stocks, unless they consent to accept a reduced payment.

State of the Public Funded Debt of Great Britain and Ireland, and the Charge thereon, on January 5, 1839.

	Capitals.	Capitals standing in the Names of the Commissioners.	Capitals unredeemed.
Great Britain	£729,510,658	£1,423,534	£728,087,123
Ireland	33,260,566	- -	33,260,566
Total United Kingdom .	£762,771,224	£1,423,534	£761,347,690

NATIONAL GALLERY, Trafalgar-square, commenced 1834, exterior completed 1837. The structure is from the design and under the direction of Mr. Wilkins. The Royal Academy are accommodated with a part of the National Gallery for their exhibitions.

NATIVITY OF THE VIRGIN, a feast established by Pope Sergius I., who was advanced to the see of Rome in 687, and observed on Sept. 8.

NATURALIZATION, the act of naturalizing an alien, or putting him into the condition of a natural-born subject. First law for, in England, 1487. Naturalization of Jews' bill passed 1753; repealed December following.

NAUMBERG, treaty of, between Augustus, elector of Saxony, and the deposed elector, John Frederick, 1554. The electorate to descend to John Frederick and his heirs, in default of heirs male of Augustus.

NAVAL ASYLUM, instituted by the duke of Clarence, 1801.

NAVARINO, or **NAVARIN**, seaport town, kingdom of Greece, on the west coast of the Morea, memorable for the destruction of the Turkish and Egyptian fleets, by the English, French, and Russians, in 1827. The battle commenced at two o'clock in the afternoon of Oct. 20, and continued with unabated fury during four hours. At the end of that period the Turkish and Egyptian fleets had disappeared; the bay of Navarino was covered with their wrecks; only a few of the smaller vessels, or some battered and useless hulks, escaped into the security of the inner harbour. The severest loss on the side of the allies was sustained by the British squadron, which had 75 men killed, and 197 wounded. Navarino was taken possession of by the

troops of the French expedition, without any resistance from the Turkish garrison, Oct. 6, 1828.

NAVARRRE, a province of the north-east of Spain. This territory in 470 was seized by Euric, the king of the Goths. These people were expelled by the Moors; but in 806 the latter were, in their turn, driven out by Louis, king of Aquitaine, a son of Charlemagne. About half a century after, a count of Bigorre established in Navarre a sovereignty, which lasted in his family 500 years. In 1512 the kingdom was dismembered. The reigning prince seized all the part lying on the Spanish side of the Pyrenees; but French Navarre preserved its independence, and continued a separate state, till added to the dominions of France by the accession of Henry IV. to the throne of the latter, in the end of the 16th century.

NAVIGATION. The Phœnicians were the first people who cultivated this art to any useful extent. They were the first who passed through the Straits of Gibraltar, A.C. 1250, and subsequently visited the western coast of Spain and Africa. The Carthaginians exceeded them in the extent of their voyages towards the west and north. The ancient navigation was, after all, very imperfect till the invention of the mariner's compass, said to have been known to the Venetians A.D. 1260. See **COMPASS**. The Portuguese were the earliest people who, after this period, made any pretensions to superior knowledge in marine affairs. In the reign of John I. 1420, they discovered Madeira and the Canaries. Plain charts and the mariner's compass were both in use about 1420.

1492. Variation of the compass disco-

vered by Columbus. 1537. That the oblique rhomb lines are spirals, discovered by Nonius. First treatise on navigation in 1545, was published at Valladolid, by Pedro de Medina, under the title of "Arte de Nauegar;" this was followed 11 years after by another work of the same kind, published at Seville, by Martin Cortes. The log first mentioned by Bourne in 1577. Mercator's chart introduced 1599. See CHART. 1600. Davis's quadrant, or backstaff, for measuring angles, used about this time. 1620. Logarithmic tables applied to navigation by Gunter. 1623. Middle latitude sailing introduced. 1631. Norwood's mensuration of degrees. 1731. Hadley's quadrant introduced. 1764. Harrison's time-keeper used. See CHRONOMETER. 1767. Nautical almanac first published. 1820. Barlow's theory of the deviation of the compass.

NAVIGATION LAWS. The origin of these laws may be traced to the reign of Richard II. in the first navigation act, 1381. In the reign of Henry VII., two of the leading principles of our later navigation laws, were distinctly recognised in the prohibition of the importation of certain commodities, unless imported in ships belonging to English owners, and manned by English seamen. In the early part of the reign of Elizabeth (5 Elizabeth, c. 5.), foreign ships were excluded from our fisheries and coasting trade. The republican parliament gave a great extension to the navigation laws, by the act in 1650, which prohibited all ships, of all foreign nations whatever, from trading with the plantations in America, without having previously obtained a licence. The following year, Oct. 9, 1651, the republican parliament passed the famous act of navigation; intended not only to promote our own navigation, but also to strike a decisive blow at the naval power of the Dutch. The leading provisions of this act were adopted by the regal government which succeeded Cromwell, and formed the basis of the act of the 12th Car. II. c. 18, which continued in force till the late act, 3 and 4 Will. III. c. 54, passed Aug. 28, 1833. This statute, entitled "An act for the encouragement of British shipping and navigation," prohibits the importation of certain goods from different parts of the world into the United Kingdom, except in British ships or ships of the country of which the

goods are the produce, with certain exceptions therein named, &c.

NAVIGATORS' ISLES, a cluster of 10 islands in the Pacific Ocean, discovered by Bougainville, and explored by Prouse in 1787. They were visited several times, from 1823 to 1830, by the late Mr. Williams, the missionary, and particularly described in his work.

NAVY OF ENGLAND, at the time of the Spanish Armada, was only 42 vessels, 34 in an efficient state, and 8 in dock, but none larger than frigates. At the death of Cromwell, the English navy consisted of 157 vessels. In 1756 it consisted of 320 vessels of various classes. In 1776 it consisted of 130 ships of the line, and 209 vessels below 50 guns. In 1778 it was increased to 450 vessels. In 1782 it consisted of 600 vessels, 161 of which were line-of-battle ships. In 1779 it consisted of 864, of which 180 were line-of-battle ships. In 1807 it consisted of 627 ships in commission, and 66 on the stocks. During the period between 1806 and 1812 the British navy, including ordnance and tenders, seldom consisted of less than 1000 pendants floating in the breeze. In 1834, according to official returns, it consisted of 557 vessels of various classes, including 12 ships of 120 guns, and 14 from 104 to 132.

The naval force, during the same period, of the three other principal powers, namely, France, Russia, and America, were—France had 31 sail of the line, and 37 frigates; Russia 36 sail of the line and 23 frigates; and America 8 sail of the line and 10 frigates. We have no further account since the above period.

NAVY OFFICE, founded Dec. 4, 1644.

NEATH ABBEY, Glamorganshire, built 1150; castle built 1090.

NEBUCHADNEZZAR made the kingdom of Judah tributary, A.C. 605; pillaged the temple of Jerusalem 597; took that city, after a siege of 18 months; took Tyre, 572. His death took place 562.

NECHO, king of Egypt, began a canal for uniting the Nile with the Red Sea, A.C. 610; invaded Judah 608; ordered a voyage of discovery to be undertaken, being the first on record, 604.

NECKER, JAMES, the distinguished financier and statesman of France, was born at Geneva in 1732; was sent to

Paris in 1746. His reputation for financial knowledge caused him, in 1776, to be appointed director of the French finances. He continued for many years to enjoy the confidence of the French monarch; but about 1781 he published a work, entitled the "Compte Rendu," which produced debates, and ended in his resignation. Necker was recalled in the month of August 1788. Contentions ensued, which terminated in an order for him to leave Paris within 24 hours, July 11, 1789. As soon as his dismissal was known, the whole city was in a flame. The destruction of the Bastille soon followed; and the king was glad to send an express, urging his return. His entrance into Paris was regarded as a day of rejoicing. But the popularity of Necker had reached its summit. His personal safety was endangered, and he quitted Paris, and returned to Switzerland. This extraordinary man died August 9, 1804.

NEEDLES were first made in England by a native of India in 1545, but the art was lost at his death; it was, however recovered by Christopher Greening in 1560, who was settled at Long Crendon in Bucks, where the manufactory has been carried on to the present day.

1838. At the late meeting of the British Association were exhibited several specimens, illustrating the progress of manufacturing needles by new patent machinery, invented by Mr. S. Cocker, Porter Works, Sheffield. The value of labour from the wire, No. 1 to 7 inclusive, would be 1s. per thousand. The expense by patent machinery, from No. 1 to 5 or 6 inclusive, 1d. per thousand. One hundred patent machines will, by the power of a six-horse steam-engine, be sufficient to produce 14,000,000 needles per week.

NEEDLE MAKERS' COMPANY, London, incorporated 1656.

NEELE, HENRY, author of "Romance of History," &c., born 1798, died 1828.

NEHEMIAH, the prophet, flourished A.C. 450.

NELSON, VISCOUNT HORATIO, one of the most distinguished commanders of the British navy, was born 1758, and, discovering at an early age strong predilection for the naval profession, he was sent in 1771 to the West Indies in a merchantman. After several other

appointments he was sent again to serve in the West Indies, where he became acquainted with Prince William Henry, afterwards William IV., who, from that time, proved a friend to him through life. In 1783 Nelson was a third time stationed in the West Indies, where he found himself senior captain, under Sir Edward Hughes. In 1795, as commodore, he was in the Mediterranean with Sir John Jervis. In the battle of St. Vincent, in 1797, he distinguished himself by prodigies of enterprising valour. In the course of the action, determining to board the *San Nicholas*, he accompanied the party in the attack; passing from the forechains of his own ship into the enemy's quarter-deck, he arrived in time to receive the sword of the dying commander, who had been mortally wounded by the boarders. On July 15 he was detached with a small squadron to make an attack on the town of Santa Cruz, in the island of Teneriffe. Nelson, in the act of stepping out of the boat, received a shot through the right elbow, and fell. The same night at 10 o'clock his arm was amputated.

Early in 1798 Nelson, now an admiral, rejoined Earl St. Vincent in the Mediterranean, and on Aug. 1, the important engagement of the Nile took place. In the midst of the battle, about 10 o'clock, the *Orient* blew up with a most tremendous explosion. The firing instantly ceased on both sides, and the first sound was the fall of her shattered masts and yards, which had been carried to an astonishing height. The victory was so complete that, of 13 sail of the line, nine were taken and two burnt: of the four frigates, one was sunk and another burnt. In consequence of this victory he was created Baron Nelson of the Nile, and a pension of £2000 a-year for three lives was conferred upon him. In 1801 he was appointed second in command over a fleet sent to the Baltic to chastise Denmark, Sweden, and Russia, for a coalition with France against the maritime rights of Great Britain. In the engagement which took place, and which was entrusted entirely to Nelson's management, he displayed the most undaunted bravery, as well as unparalleled skill. After the peace of Amiens, he retired to a house which he had purchased, at Merton, in Surrey. In January, 1805, the French fleet escaped out of Toulon, and joining the Spanish, sailed for the

West Indies, and Nelson pursued them. From this unparalleled chace of more than 7000 miles full speed, Nelson returned to England, Aug. 1. In 1806 he once more left his native country, to take the command of a fleet destined to achieve the greatest naval victory on record, in which he nobly fell at the moment of victory, Oct. 21. See TRAFALGAR. All the honours which a grateful country could bestow, were heaped upon the memory of Nelson. His brother was made an earl, with a grant of £6000 a-year; £10,000 were voted to each of his sisters; and £100,000 for the purchase of an estate. A public funeral was decreed, which took place with circumstances of unusual splendour, at the public expense, and he was buried at St. Paul's church, London, Jan. 9, 1807.

NELSON, EARL, DUKE OF BRONTI, brother of the celebrated naval hero, died Feb. 28, 1835, in his 78th year. The heir to the title, a nephew of the naval hero, after enjoying the honour for a few months, died Oct. 31. He was succeeded by his son, a boy of 10 years of age.

NELSON, ROBERT, divine, of the Church of England, author of "Fasts and Festivals," and other works, was born at London, in 1656. He died at Kensington, Jan. 1715, in his 59th year. He left his whole fortune to pious and charitable purposes, to which he had devoted a great part of his income during life.

NEMÆAN GAMES, instituted by Adrastus, A.C. 1226; revived 568. They were celebrated every third year by chariot races, and the victors were crowned with parsley.

NEMOURS, town, France, was the scene of an action between the French and Austrians in 1814.

NENNIUS, an ancient British historian, abbot of Bangor, is generally said to have flourished about 620, and to have taken refuge at Chester, at the time of the massacre of the monks at that monastery. He was author of several works; but the only one remaining is his "Historia Britonum;" or "Eulogium Britanniae."

NEPAUL, important kingdom, Northern Hindoostan. The Brahmins, at a period prior to any known records, penetrated in great numbers into Nepaul, where their superior knowledge soon enabled them to act a leading part. They absorbed most of the civil de-

partments of government, and effected the conversion of the people. The whole territory was made subject to the military government of the rajah of Gorkha. Sikian, the most easterly of the present Nepaulese dominions, was conquered in 1788; but it was not until the commencement of the present century that the accession of Garhawl extended the empire to its western limit, beyond the Jumna. The government having involved itself in war with Britain, and being completely vanquished, was obliged to cede these western conquests. This conflict terminated April 27, 1815; the treaty of peace was signed between the parties, Dec. 2. War was renewed by an infraction of the treaty by the Nepaulese, Jan. 1816. After several contests unfavourable to the Nepaulese, the former treaty was ratified, March 15, the same year.

1840. Insurrection in Nepaul against the British authority. The insurgents, amounting to 8000 men, took possession of the whole of the Chumparun district. The indigo planters, Europeans and civilians, fled before them. They proceeded to the capital, and blockaded the British resident and his escort. The rajah positively disclaimed any knowledge or connection with the affair.

NEPOS, CORNELIUS, a celebrated Roman biographer and historian, who flourished in the reign of Julius Cæsar, and lived, according to St. Jerome, to the sixth year of Augustus. As an author, he is known by his "De Vitis Excellentium Imperatorum," which is his only work that has reached modern times.

NEREIDE, British frigate, stranded and fell into the hands of the French at the Cape of Good Hope, August 23, 1810.

NERO, CLAUDIUS DOMITIUS CÆSAR, the Roman emperor, celebrated chiefly for his tyranny and cruelty. He was adopted by Claudius, A. D. 50, and four years after succeeded him on the throne. Nero's mother, having offended him, he removed her out of the way by poison in 55. Many of his courtiers shared this unhappy fate; and Nero sacrificed to his fury or caprice all who obstructed his pleasure or opposed his inclination. In 62 he divorced his wife, whom he banished and afterwards put to death. From this time, acts of cruelty and rapacity alone marked the

life of Nero. In the terrible conflagration of Rome in 64, he caused the christians to be accused as the incendiaries, and put to death. Many conspiracies were formed against him; but they were generally discovered. The conspiracy of Galba, however, at length proved successful; and to avoid the consequences, he destroyed himself in 68, in the 32d year of his age, after a reign of 13 years and eight months.

NESBIT, DR., English physician, died 1761.

NESBIT, ALEXANDER, heraldic writer, born 1672, died 1725.

NESTORIANS, an ancient sect of christians, whose distinguishing tenet is that Mary is not the mother of God. Their name originated from Nestorius, bishop of Constantinople in 439. In the 10th century, the Nestorians in Chaldea, extended their spiritual conquests beyond Mount Imaus, and introduced the christian religion into Tartary. The spiritual dominion of the great Nestorian pontiffs is still very extensive, including a great part of Asia.

NETHERLANDS. This country was conquered and kept in subjection by the Romans, till the decline of their empire in the fifth century; the Franks then occupied it; and for a considerable time it formed part of the kingdom of Austrasia, of which Metz was the capital. It was subsequently placed under the government of counts or earls. Having afterwards been incorporated with the possessions of the dukes of Burgundy, the Netherlands passed to Maximilian of Austria, father of the emperor Charles V. The latter united the 17 provinces into one state, and published, in 1549, a law that they should in future be all governed by the same sovereign. The bigotry of his son Philip II. produced the separation of the Dutch provinces. The others continued under the Spanish crown until the middle of the 17th century, when the activity of Condé, and the more formidable tactics of Turenne, were both exerted to add them to the dominions of Louis XIV. After the battle of Ramillies, in 1706, the Netherlands were brought under the power of the allies, and assigned to Austria by the peace of Utrecht. In the war of the French revolution when hostilities commenced in 1792, Austria lost the Netherlands in the first campaign. Though recovered in 1793, they passed in 1794

to France. In 1814, in consequence of the revolution which replaced the sceptre in the hands of the Bourbons, the whole 17 provinces were erected into one kingdom along with the grand duchy of Luxemburg. By the revolt of the Belgic provinces, however, this territory has been again divided into two separate kingdoms; viz. **HOLLAND** and **BELGIUM**, which see.

NETLEY ABBEY,¹ Hants, built 1239; castle built 1540.

NEUFCHATEL, canton, west of Switzerland, originally formed, with the neighbouring principality of Valengin, a small state, enjoying a considerable share of freedom. In 1707 the state acknowledged the claims of the king of Prussia, till, by the treaty of Tilsit, in 1807, it was ceded to France. The events of 1814 relieved it from subjection; after which the congress of Vienna acknowledged it as a Swiss canton.

NEVA, convict-ship, lost, with 224 convicts on board, May 14, 1835.

NEVIS ISLE, West Indies, was discovered by Columbus, and said to have received its name from him, from an opinion that its top was covered with snow. An English colony from St. Christopher's first settled here in 1628. It was taken by the French February 14, 1782; but restored to the English in 1783.

NEWBURY, market town, Berks, was formerly celebrated for its woollen manufactures. In the reign of Henry VIII., John Winchcombe (Jack of Newbury), kept 100 looms at work upon his own premises. A new charter was granted in 1596, by Queen Elizabeth.

NEWBURY BANK, robbed of property to the amount of £20,000, Dec. 11, 1815.

NEWCASTLE-ON-TYNE, seaport, Northumberland, called by the Anglo-Saxons, Moncaster, from its being inhabited chiefly by monks. Robert, son of William I., built a castle here, and gave the town its present name. In the reign of Edward I. it was taken and burnt by the Scots, but was quickly rebuilt. It was one of the principal commercial ports of England as early as the time of Edward I., and has continued so to the present time. The prosperity of the town has arisen chiefly from the coal trade; its present importance is thus described in 1838. Its population, including Gateshead and the adjacent

neighbourhood, exceeds 100,000; and the tonnage surpasses that of any town in the kingdom, London only excepted. About 70 steamers are employed in towing vessels up and down the river, whose banks, in the number of manufactories, rival those of the Thames itself. Colliery railways exist out of number. The Newcastle and Carlisle line, the traffic of which was formerly estimated at £28,000 per annum, is now actually receiving upwards of £75,600.

NEW FOREST, in Hampshire, afforested 1031.

NEWFOUNDLAND, island, North America, lying on the north-east side of the Gulf of St. Lawrence, discovered by John Cabot, the Venetian, who obtained a commission from Henry VII. during his first voyage in 1497. The abundance and excellency of its cod fishery soon attracted fishermen from European nations to visit its coasts. In 1585 a voyage was made by Sir Bernard Drake, who claimed its sovereignty and fishery in the name of Queen Elizabeth; and an attempt was made at forming a settlement in 1610; but the first permanent colony was established in 1623, by Sir George Calvert, afterwards Lord Baltimore. Settlements continued to be made all along the eastern coast of the island; and the French succeeded in establishing themselves in Placentia Bay, on the south. From 1702 till the peace of Utrecht, in 1713, the colony was much disturbed by the French. The revolutionary war in America occasioned fresh disputes as to the right of fishing on the banks of Newfoundland; while the imperfect administration of justice amongst the colonists for years continued a subject of just and constant complaint. Newfoundland has had a resident governor ever since 1728. Civil and judiciary courts were soon after established, and a superior court was added about 1750. In 1832 a representative government was given to the colony, similar to that enjoyed at Nova Scotia.

NEWGATE, built 1776; damaged by fire in the press yard, 1752; burned by the rioters 1780; restored 1781; riot among the convicts quelled by threatening to withhold their allowance of food, Aug. 26, 1816.

NEW GUINEA. See **PAPUA**.

NEW HOLLAND. See **HOLLAND**, **NEW**.

NEW INN SOCIETY, founded 1485.

NEW ORLEANS. See **ORLEANS**, **NEW**.

NEW RIVER CUT finished in three years' time, 1609; the manager, Mr. Hugh Middleton, knighted by King James. It runs 50 miles, and has about 200 bridges over it; it was brought to London, and the water first let into the basin, now called the New River Head, Sept. 29, 1613. The undertaking cost £500,000, and for the first 19 years after finishing the work, the annual profit on each share scarcely amounted to 12s. Each of these shares was originally sold for £100, and lately some of them have amounted to £10,000.

NEW SOUTH WALES. See **WALES**, **NEW SOUTH**.

NEWSPAPERS. The first published in modern Europe, made its appearance at Venice in 1536; but the jealousy of the government would not allow of its being printed; so that for many years it was circulated in manuscript. Newspapers were first issued in England by authority in 1588, during the alarm occasioned by the approach of the Armada, a copy of which is in the British Museum, dated July 23. From this era newspapers have, with a few intermissions, generally appeared in London; sometimes at regular, and sometimes at irregular intervals. During the civil wars both parties had their newspapers. The earliest newspaper published in Scotland made its appearance under the auspices of Cromwell, in 1652. The "Caledonian Mercury" was, however, the first of the Scotch newspapers of native manufacture; it made its appearance at Edinburgh, under the title of "Mercurius Caledonius," in 1660; but its publication was soon afterwards interrupted. Newspapers and pamphlets were prohibited by royal proclamation 1680. Though at the revolution prohibitions of this kind were done away, and the press set at liberty, yet newspapers were afterwards made objects of taxation: the number of them, however, has gradually increased to the present time. In the reign of Queen Anne, 18 papers were published in London; but the "Daily Courant" was the only daily paper. In the reign of George I., the number was three daily, six weekly, and ten published three times a week, and the "London Gazette" twice a week. In 1815 the number of newspapers published was 252; in 1833, 369, of which 248 were published in England, 46 in Scotland, and 75 in Ireland.

Newspapers were first stamped 1713; stamp increased 1725, 1765, 1781, 1789, 1798, 1805, 1808; advertisements reduced 1833. Before 1836 the stamp duty on a newspaper was nominally 4*d.* with a discount of 20 per cent., which reduces the stamp duty actually paid to 3½*d.* From the stamp office accounts it appears, that the average number of copies of newspapers sold annually in England in 1753, was 7,411,757; in 1760, 9,464,790; in 1790, 14,035,639; in 1792, 15,005,760; in 1833, 27,690,929. By 6 and 7 Will. IV. c. 76, Aug. 13, 1836, the stamps were reduced from 4*d.* to 1*d.* This act also regulated the mode of suing persons acting under the act, and the recovery and application of penalties, &c., and repealed several previous statutes. The duties imposed by this act, are for every sheet or piece of paper whereon any newspaper shall be printed, 1*d.*; and where such sheet shall contain on one side thereof a printed superficies, exceeding 1530 inches, and not exceeding 2295 inches, the additional duty of ½*d.* And where the same shall contain a superficies exceeding 2295 inches, the additional duty of 1*d.* The number of newspapers for which stamps were issued, and the number of stamps issued to newspapers, in the year ending September 1836, were, newspapers 397, stamps 35,576,056, duty £443,278; and in 1839, newspapers 519, stamps 58,516,862, duty £239,457.

NEW STYLE, first introduced into Germany in 1584; Switzerland in 1584; Poland in 1586; Hungary in 1587; France, Spain, Portugal, Holland, Flanders, Denmark, and parts of Italy, 1700; Tuscany in 1751; into England in 1752; Sweden in 1753; and Russia in 1832.

NEWTON, DR. THOMAS, an eminent prelate, was born at Lichfield, Jan. 1704. His principal work, his "Dissertation on the Prophecies," was published in 1754. In 1757 he was made prebendary of Westminster; in 1768 dean of St. Paul's, and bishop of Bristol. He died Feb. 1782.

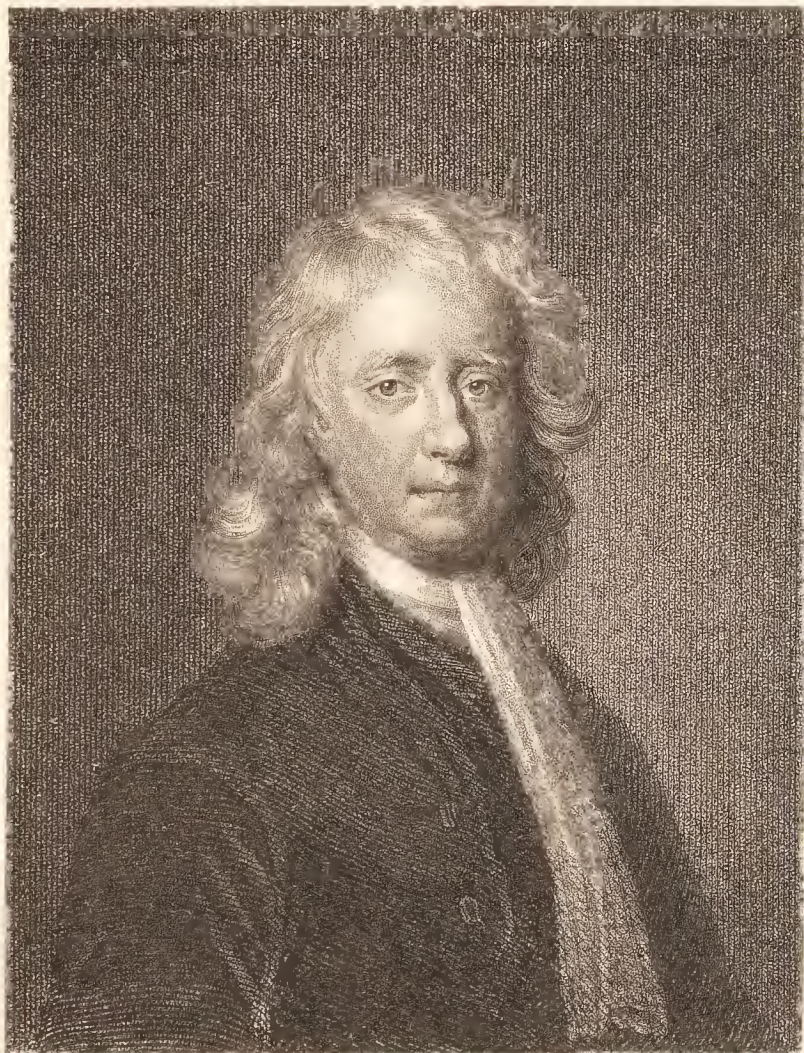
NEWTON, SIR ISAAC, the most distinguished philosopher and mathematician the world has ever produced, was born on Christmas Day, 1642. He was sent to Trinity College, Cambridge, where he was much noticed by Dr. Barrow. In 1664 he took the degree of bachelor of arts; and in 1668 that of

master. He had before this time discovered the method of fluxions; and in 1669 he was, upon the resignation of Dr. Barrow, chosen professor of mathematics in the university of Cambridge.

About 1674 he commenced those studies which afterwards became the wonder of his age. He published in 1687, "Mathematical Principles of Natural Philosophy," a work which the Marquis de l'Hospital said he regarded "as the production of a celestial intelligence rather than of a man." In 1699 he was elected a member of the Royal Academy of Sciences at Paris, and in 1704 he published his Optics, which was a piece of philosophy so new, that the science may be considered as entirely indebted to him. In 1715 M. Leibnitz attempted to baffle Sir Isaac Newton's mathematical skill, by his famous problem of his Trajectories, which he proposed to the English by way of challenge. The problem, it is said, was received by him at four o'clock in the afternoon; and though he was extremely fatigued with business, he finished the solution of it before he retired to rest. He had the perfect use of all his senses and understanding till the day before he died, which was on March 20, 1727, in his 85th year. He was buried March 28, in Westminster Abbey, where a noble monument was erected to his memory.

NEWTON, GILBERT STUART, distinguished modern artist, was born in Halifax, Nova Scotia, on Sept. 20, 1794. The first works by which he became extensively known were his "Forsaken," and his "Lovers' Quarrels," engraved in the "Literary Souvenir," 1826; his "Prince of Spain's Visit to Catalina," engraved for the same work, in 1831, and painted for the duke of Bedford. He died Aug. 5, 1835.

NEW YORK, state and city of the United States of North America. Its settlement was commenced by the Dutch in 1614, who called it New Netherlands. Charles II. granted his brother, the duke of York, a patent for a large tract of country, forming the present states of New York and New Jersey. Colonel Nicholls was sent out, who made a conquest of the country, and changed the name to New York. In 1673 the Dutch recaptured the colony, and held it for a few months; but, with this exception, it has belonged to the English from the year 1664 to the American revolution of



ISAAC NEWTON.

Isaac Newton

1775, when it formed part of the Union. The present constitution of the state was formed in 1821. The executive power is vested in a governor, who is elected by the people every two years. The legislative power is vested in a senate of 32 members, who are chosen for four years, and an assembly of 128 members, who are elected annually.

The city has increased faster than any other in the United States, owing to its admirable situation, which has rendered it the greatest emporium of the New World: the commerce is very extensive. The total value of the imports into New York, in the year ending Sept. 30, 1832, was 53,214,402 dollars. In July 1834 there were riots at New York, in opposition to the slavery abolitionists. Mobs, composed of the white populace, attacked the churches, the dwelling-houses, and the stores of the prominent abolitionists, which they gutted and robbed. The mayor called out the military, and succeeded on the night of the 11th in putting an end to the outrages.

NEW ZEALAND. See **ZEALAND, NEW.**

NEY, MARSHAL, convicted of treason, Aug. 6, 1815, and shot the next day.

NIAGARA, river, North America, forming the boundary between the United States and Upper Canada; celebrated for its stupendous cataract called the Falls of Niagara, justly regarded as one of the most sublime and imposing spectacles exhibited in nature. In Oct. 1829 the following extraordinary exhibitions took place at the Falls of Niagara. The blowing up of a large projecting rock, near the Indian Ladder, at half-past 12 o'clock on Tuesday the 6th; the blowing off a part of an island on the margin of the British Falls, at one o'clock; and the bursting of the outer Terrapin rock, at half-past one o'clock, on the margin of the American Falls, near the termination of the bridge which projects out to the verge of the precipice, from Goat Island towards the Canadian shore. The same day was also exhibited, the descent of a schooner, at three o'clock, which was towed to the foot of Grand Island, and left to her own guidance. Also, Mr. Samuel Patch leaped the cataract on the day following, at 12 o'clock, being 160 feet deep. He sank down and disappeared in the whirling caldron, and nothing was seen of him

till he was discovered clambering up the rocks in safety.

NICE, city, Bithynia, Asia Minor, remarkable for the first oecumenical council convened, 325, by Constantine, in order to settle differences and controversies which had taken place among the Christians.

NICE, city, on the confines of France and Italy, in the kingdom of Sardinia, founded by the Phocæans, about A.C. 500. It has undergone many vicissitudes in the later periods of its decline. The treaty of Nice, between Francis I. and Charles V., took place June 18, 1538. It suffered very much in 1543, when it was besieged by land by the army of Francis I., and the Turkish fleet under Barbarossa, pressed on it by sea: it was taken, pillaged, and nearly reduced to ashes. In 1792 the French took possession of it, but it was afterwards restored to Sardinia.

NICHOLLS, DR. FRANK, an eminent physician and anatomist, born in London in 1699. He died on Jan. 7, 1778, in his 80th year.

NICHOLSON, WILLIAM, author of many literary and scientific works, died 1815.

NICHOLSON, MARGARET, who attempted the life of George III. in 1786, died in Bethlehem Hospital, May 17, 1828, after a confinement of 42 years as a lunatic, having been so declared upon her trial.

NICOLAI, CHRISTOPHER, bookseller and author, born 1733, died 1814.

NICOLL, ALEXANDER, D. C. L., F. R. S., regius professor of Hebrew in the University of Oxford, and canon of Christchurch, was born in 1793, near Aberdeen. During his life he chiefly devoted himself to the study of the Oriental languages. He died Sept. 25, 1828.

NICOMEDES, the mathematician, inventor of the geometrical curve called Conchoides, flourished 220.

NIEBUHR, CARSTER, a celebrated traveller, born 1733, died 1815.

NIEBUHR, M., the eminent Roman historian and professor of history at Berlin, was a son of the preceding, and born 1778. In 1816 he was appointed by the king of Prussia his minister at Rome, where he concluded a concordat with the Holy See in 1821. He died January 2, 1831.

NIGER, a large river of Central Africa, which for many years excited an extra-

ordinary interest among geographers, in consequence of the unexplored region through which it flows, and their ignorance of its course and termination. Mr. Park, about 1796, reached Segou, the capital of Bambarra, where he beheld the river as broad as the Thames at London, and rolling slowly eastward. He traced its course downwards to Silla, and upwards to Bammakoo, where it first became navigable, an extent of 300 miles. Beyond this, Europe was lost in uncertainty as to its real course, till the British government sent out R. Lander, who, in June 1830, accompanied by his brother, embarked on the Niger, at Boossa, and worked their way up the stream as far as Yaorie; thence they proceeded southward to Rabbah, Egga, Kacunda, &c., and found it terminated at the Bight of Benin, in lat. 4° N. long. 6° E. Since then commercial expeditions have been made up the Niger. R. Lander, with two steamers, on the 18th of Sept. 1833, anchored before Rabbah, between 500 and 600 miles from the sea, and sailed back to Fernando Po, November 3, 1833, where he received a wound, of which he afterwards died. See LANDER.

1840. An expedition sailed up the Niger, under the patronage of government, for which a parliamentary grant of £61,000 was made to meet the outfit and expenses. The Niger expedition was projected by Sir Fowell Buxton; and a society formed for "effecting the extinction of the Slave Trade and for promoting the civilization of Africa." The principal objects contemplated by the mission are worthy of high commendation, but the sound policy and beneficial results of the expedition have been questioned.

NIGHTLY SHELTER to the houseless, Old Broad-street, a society formed in 1832.

NIMEGUEN, a town in the kingdom of Holland. It is known in history for the treaty concluded here August 11, 1678, between France and Holland. Spain acceded to the peace September 17, giving up Franche Compte, &c.; the emperor on the 5th February following; and Sweden March 29.

NIMMO, ALEXANDER, engineer, F.R.S.E. and M.R.I.A., was born at Kirkaldy in Scotland, 1783. He was employed in the construction of Dunmore harbour, a work of immense magnitude and utility, and in making surveys of the harbours of Ireland, and con-

structing harbours and piers all round the coast. He was also the author of the article on inland navigation in Brewster's Encyclopædia; also, in conjunction with Mr. Telford, of that on bridges, and with Mr. Nicholson, of that on carpentry. He died Jan. 20, 1832, aged 49.

NINEVEH, a celebrated city of antiquity, and the capital of the Assyrian empire. The city was taken by Arbaces and Belesis, A.M. 3257, under the reign of Sardanapalus, in the time of Ahaz, king of Judah. It was taken a second time by Astyages and Nabopolassar, from Chynaladanus, king of Assyria, A.M. 3378. After this time Nineveh did not recover its former splendour. It was so entirely ruined in the time of Lucianus Samosatensis, who lived under the emperor Adrian, that no traces of it could be found.

NISCHNEI-NOVOGOROD, a town of European Russia. Since 1816 the large fair of Makariev has been held at this city in June and July. It is frequented by crowds of dealers from different parts of Russia, Poland, Tartary, Germany, and even Persia. The quantity of goods sold is immense.

NISMES, or NIMES, a town of France. It is supposed to have been built by a colony of Greeks, about the same time as Marseilles. It fell successively under the dominion of the Vandals, the Goths, and Saracens. It was united to the crown of France in the 8th century. The remains of the amphitheatre show a building nearly as large as the Coliseum at Rome, and in much better condition. The grand circle is entire; the columns, porticos, and most of the ornaments, are in good preservation. In 1815 the protestant establishments of this city were subjected to severe persecution.

NOAH directed to build the ark A.M. 1536, 120 before the flood. Died A.C. 1998, aged 950.

NOBLE, WILLIAM, an English artist, born 1780, died 1831.

NOLLET, JOHN ANTHONY, a celebrated French philosopher, was born November 17, 1700. In 1734 he accompanied Du Foy, Du Hamel, and De Jussieu, on a visit to England, where he was admitted a foreign member of the Royal Society. Upon his return to Paris he resumed a course of lectures on experimental philosophy, which he had

commenced in 1735, and which he continued for 25 years. After rendering the most important services to the world by the discoveries with which he has enriched various branches of science, but particularly electricity, he died at Paris, April 25, 1770, aged 70.

NOMINALISTS, a sect of school philosophers in France, the disciples of Occam, an English cordelier in the 14th century. They gained the appellation, because, in opposition to the Realists, they maintained that words, and not things, were the object of dialectics. In 1473 Louis XI. issued a severe edict against the doctrines of the nominalists, but mitigated this edict in the following year, and in 1481 granted a full liberty to the nominalists and their writings.

NONCONFORMISTS, a term comprehending all those who do not conform to the established worship, said to have had its rise from a declaration of King Charles I., who appointed that all the churches of England and Scotland should have the same ceremonies and discipline. The term is more definitely applied in history to those who refused to conform to the act passed after the restoration of Charles II. in 1662, called the Act of Uniformity, by which all who refused to observe the rites, and subscribe the doctrines of the church of England, were entirely excluded from its communion. In consequence of this oppressive measure, on St. Bartholomew's day, Aug. 14., the same year, about 2000 ministers quitted their preferments in the church, or refused to accept of any upon the terms of the Act of Uniformity. This, says Neal, raised a grievous cry over the nation; for here were many men much valued and distinguished by their abilities and zeal, now cast out ignominiously, and reduced to great poverty. The name of nonconformists is frequently given to the dissenters of the present day.

NON-INTERCOURSE ACT, against England and France, passed by the congress of the United States, May 1, 1810; revoked as to France, Nov. 1810.

NONIUS, an instrument for graduating the divisions on a scale, quadrant, &c., invented by Pedro Nunez, or Nonius, professor of mathematics in the University of Coimbra, in Portugal; who described it in his treatise "De Arte Navigandi," 1530, and again in

his work "De Crepusculis," 1542. He died in 1577.

NONJURORS, a term originally applied to eight bishops, who, at the revolution in 1688, refused to take the oaths to the government, and were deprived of their preferments. The term was afterwards applied to all persons declining to take the oaths to the new sovereign: but the king was empowered to grant such of the non-juring clergy as he thought fit, not above 12, an allowance out of their ecclesiastical benefices for their subsistence, not exceeding a third part, (1 Will. and Mary, sect. 1, c. 8). The non-jurors, or high-church men, were particularly distinguished by the doctrine of passive obedience. Non-jurors were double taxed, May 27, 1723, and obliged to register their estates.

NOOTKA SOUND, bay, North Pacific Ocean, discovered by Captain Cook, in 1778, called by him King George's Sound. It is situated on an island, to which Vancouver, in 1792, gave the name of Quadra and Vancouver island. A few British merchants formed a settlement here; but the Spaniards captured their vessels, and took possession of the settlement in 1789.

NORBURY, **RIGHT HON. JOHN TOLER, EARL OF**, of Ballyorenade, Tipperary, a privy councillor for Ireland, and late chief justice of the court of common pleas. He was called to the bar 1770, and in 1776 was first returned to the Irish house of commons. In 1781 he was appointed a king's counsel, and in 1789 solicitor-general of Ireland. At the general election of 1790 he was chosen M. P. for Newborough, county Wexford. He was appointed attorney-general of Ireland, July 16, 1798; and was, during that year, actively engaged in the prosecution of the Irish rebels. He was advanced to be chief justice of the court of common pleas, Dec. 20, 1800, and on 29th of the same month, was created Lord Norbury. He retained the chief justiceship until 1827, when on his retirement, he was rewarded with a pension of £3046, and advanced to the titles of Viscount Glandine and Earl of Norbury. He died July 27, 1831, aged 85.

NORFOLK, maritime county, England, after the Norman conquest, was held as an earldom by Ralph de Guader, a follower of William I. In 1313 Thomas de Brotherton, a younger son of

Henry I., was created earl of Norfolk, and from him, through the Mowbrays, the dignity (augmented to a dukedom,) has descended to the present family of the Howards.

NORFOLK, CHARLES HOWARD, DUKE OF, hereditary marshal of England, died Dec. 16, 1815.

NORFOLK, DUKE OF, beheaded on Tower-hill, May 8, 1572.

NORMAN, JOHN, the first lord mayor of London that went by water from Westminster to be sworn, 1453.

NORMANDY, province, France, anciently a duchy. After the loss of Gaul by the Romans, it formed part of the kingdom of Neustria. The present name is taken from the Normans who settled here in the latter part of the ninth century, and compelled the king of France to cede the country to them as a fief; they were governed by their own dukes, the most renowned of whom was William, who conquered England. It was not till 1203 that Normandy was wrested from the English monarch John. Edward III. began the memorable campaign of 1346, by overrunning Normandy; and in 1418, Henry V. conquered the province and obtained its formal cession to England by the peace of 1420. It remained in possession of the English 30 years, a period to which the Normans still trace the foundation of many of their public institutions. It was wrested from our ancestors in 1449, and enjoyed peace till 1815, when it submitted to Buonaparte, after the surrender of Paris. It now forms the five departments, Lower Seine, Eure, Orne, Calvados, and La Manche.

NORRIS, SIR JOHN, English admiral, died 1749.

NORTH, RIGHT HON. FREDERICK, LORD, for many years the premier of England, was born April 13, 1732. In 1770, on the resignation of the duke of Grafton, he was made first lord of the treasury. He continued in this office till the close of the American war. He died August 5, 1792.

NORTH-EAST PASSAGE to Russia, discovered 1553.

NORTH-WEST PASSAGE from Baffin's or Hudson's Bay to the Pacific, has long been a desideratum among geographers. It was attempted by Captain Phillips, afterwards Lord Mulgrave, in 1773. Alexander Mackenzie, in 1789,

first descended the great river which so justly bears his name, and reached the waters of the Polar Sea. In 1826 Sir J. Franklin and Captain Back followed Mackenzie's course to the mouth of the river which bears his name, and coasted 370 miles of the Polar Sea to the westward, tracing the northern shores of America till within 160 miles of Port Barrow, which was reached by Mr. Elson, the master of the vessel under the command of Captain Beechy, only four days after Franklin had been obliged to return.

The intermediate portion had hitherto remained a blank on our maps; but the unexplored country between Franklin's Return Reef, in lat. $70^{\circ} 26' N.$, long. $148^{\circ} 52' W.$, and Point Barrow, in lat. $71^{\circ} 23' 33'' N.$, long. $156^{\circ} 20' W.$ has been recently and successfully traced by Messrs. P. M. Dease and Thomas Simpson, acting under the instructions of the Hudson's Bay Company. The party started from Fort Chipewyan, June 1, 1837, reached the ocean by the most westerly mouth of the Mackenzie, July 9, and Franklin's Return Reef on the 23d, where their survey commenced. They proceeded by sea to explore the coast, until they arrived, July 31, at a point which they subsequently named Boat Extreme, in lat. $71^{\circ} 3' 24'' N.$, and long. $154^{\circ} 26' 30'' W.$ Mr. T. Simpson undertook to complete the journey on foot, and accordingly started Aug. 1, with five men. The party arrived at the western mouth of the Mackenzie on their return August 17th, and at Port Norman, September 4. A report to the Geographical Society was read, on May 3, 1838, in which Sir John Barrow observed that it confirmed the opinion he had given 20 years ago, and gave reason to believe in the existence of a polar basin of 40 degrees, or 24,000 miles in diameter.

NORTHCOTE, JAMES, an eminent English artist, born 1746, died 1831.

NORTHESK, RIGHT HON. WILLIAM CARNEGIE, seventh earl of, in the peerage of Scotland, and admiral of the red, rear-admiral of Great Britain, G.C.B., K.C., LL.D., and governor of the British Linen Company's Bank. In the battle of Trafalgar, he took a distinguished part in achieving the victory. For his brilliant services on this occasion, Lord Northesk was created a knight of the Bath, and received the thanks of

both houses of parliament. November 21, 1821, he was appointed rear-admiral of Great Britain, and in May, 1827, commander-in-chief of Plymouth, where he remained until 1830. He died May 28, 1831, aged 73.

NORTHUMBERLAND, a maritime county, England. In the second century, the Mætæ and Caledonians became so troublesome, that the emperor Severus built what is called the Picts' Wall, extending from this county into Cumberland. In the latter period of the Roman ascendancy, Northumberland formed part of the province of Valencia. By the Angles it was made a part of the kingdom Northan-Humbra-Land. It was afterwards conquered by the Danes; and in the time of Edred, was governed as an earldom, till the Norman conquest. Since that period, the principal events are connected with the struggles with its northern neighbours. Among the pitched battles fought in this county between the contending parties, the most important are those of Halidon-hill, west of Berwick, 1333; Flodden Field, on the river Till, in 1513; and of Hexham, in 1643.

NORTHUMBERLAND, EARL OF. See **DUDLEY**.

NORWAY, kingdom, north of Europe, belonging to Sweden. The country was divided into a number of petty provinces till the 9th century, when these were combined into one. It was incorporated with Denmark in 1397, the sovereigns always bearing, as a distinct title, the name of sovereign of Norway, and the country participating for more than four centuries in the political circumstances of its southern neighbour. The first severe blow to this state of peaceful advancement was given by the war with England, which followed the expedition to Copenhagen in 1807. After the battle of Leipsic, Bernadotte obliged the Danish court to sign (on the 14th January, 1814) the treaty of Kiel, stipulating the sacrifice of Norway. The assembly convened at Christiana came to the resolution that Norway should be permanently governed by the same king as Sweden, but as an integral state, and with the preservation of its constitution and laws.

NORWICH, a city of England, capital of the county of Norfolk. Uffa, first king of East Anglia, about 575, is said to have erected a castle and other fortifications at this place, then called Nordo-

Vicus, or Northern Vill. It suffered from the invasion of the Danes, but was restored by Alfred the Great. This city was the scene of hostilities during the civil wars of King Stephen, as well as those between John and his barons. In the reign of Edward I. Norwich was surrounded with a wall, at the expense of the inhabitants; and Edward III., in 1339, bestowed the government of the castle on the sheriffs of Norfolk. In 1505 the city was nearly destroyed by fire; but it suffered much more from Ket's rebellion. In 1403 Henry IV. granted a charter, constituting the city and its liberties a separate county, under the government of a corporation. Norwich has long been famous for its manufactures, which afford employment to upwards of 120,000 persons. In June, 1827, there were such serious riots among the workmen, that several lives were lost.

The bishopric (originally that of East Anglia) was, in 1094, transferred to Norwich. The cathedral is one of the oldest in England, having been begun in 1096, though not completed till 1284.

NORWOOD, RICHARD, measured a degree in England, 1632, which was the first accurately measured.

NOTTINGHAM, a county of England, formed part of the Saxon kingdom of Mercia. It was afterwards held by the Danes, who were driven out by Edward the elder. A battle was fought, in 1487, at Stoke, near Newark, occasioned by the rebellion in favour of Lambert Simnel. The royal standard by Charles I. was erected here as the signal of hostilities against the parliament.

NOTTINGHAM, the county town, had a fortress in the reign of Ethelred I. which was rebuilt on a large scale by William the Conqueror. After the deposition of Edward II., Nottingham castle became the residence of his queen, Isabella of France, and her paramour, Roger de Mortimer, earl of March, who were arrested here by order of Edward III. The castle was afterwards made a garrison of the parliamentarians, and was unsuccessfully defended from the attacks of the royalists by Colonel Hutchinson. After the civil war it was dismantled by order of Oliver Cromwell, and having been subsequently pulled down, a castellated mansion was erected on its site by William Cavendish, duke of Newcastle. During the riots, September 8, 1831, on receiving intelligence of the rejection

of the Reform Bill, the old castle, the property of the duke of Newcastle, was burnt. Order was eventually restored by the presence of the military.

NOVA CASTELLO, in Calabria, Italy, and several villages near it, destroyed by an earthquake, September 30, 1789.

NOVA SCOTIA, British North America. The first grant of lands here was made to Sir William Alexander by James I., from whom it received the name of Nova Scotia. From 1713 it was neglected, after its acquisition by England, and frequently harassed by the French; but in 1719 adventurers were embarked, with their families, for the colony; parliament granted £40,000 for their support, and they landed at Chebuctoo harbour, when the town of Halifax was erected. In 1758 a constitution was granted to Nova Scotia, consisting of a house of assembly for the representatives, a legislative council, and governor representing the crown. By the treaty of Paris, February 10, 1762, France resigned all further claims on any of her former possessions in North America.

NOVA ZEMBLA, an island in the Frozen Ocean, separated from the continent of Russia by the strait of Waigatz. It was discovered by the English in 1553, and has since been visited by ships attempting to discover a north-east passage. In 1595, a Dutch vessel being cast away on the coast, the crew were obliged to winter here, and with great difficulty preserved their lives.

1838. The Russian government have lately ordered five exploratory expeditions to Nova-Zembla. The first four were useless: the result of the fifth has been so far satisfactory, that the party have lately explored the whole of the west, and part of the east coast. There are 100 miles of the north-east shore not

yet explored; but the party sailed again with the intention of wintering at Bucklige Island, in 75° 45 N., on the west coast; and in the year 1839 were ordered to use all their exertions to sail round the north-eastern point of Nova-Zembla, and thus complete the discoveries carried on by the Russian government.

NOVGOROD-VELIKI, one of the most ancient cities of the Russian empire, having been founded as early as the 5th century. In the 9th century the reigning sovereign made it the seat of government. At length Novgorod became a republic, under a chief magistrate. In 1471 Ivan Vassilievitz compelled it to receive a governor of his nomination. When Peter the Great founded St. Petersburg, in the beginning of the 18th century, this gave a blow to its prosperity from which it never recovered.

NUMA POMPILIUS, the second king of Rome. He established different orders of priests, and taught the Romans not to worship the Deity by images. He died in the year of Rome 82, after a peaceful reign of 42 years.

NUNNERY. The first in England at Folkstone, 630.

NUREMBERG, kingdom of Bavaria, was established as a burgrave as far back as 1060. The purchase of the city rights from the emperors dates from 1427. Nuremberg appears to have been most prosperous during the 15th and 16th centuries, and to have declined from some defects in its political constitution. The formation of the Confederation of the Rhine, in 1806, put an end to its existence as a separate state, and placed both the town and its territory in the hands of Bavaria,

NYSTATT, or **NYSTETT**, in Finland, treaty of, between Sweden and Russia, whereby Livonia and Ingria were ceded to Russia, August 30, 1721.

O.

OAK TREE, known by the name of Cybren-yr-Ellyl, near Marmion, supposed to have been old in the days of Owen Glendower, who hid in it the body of Howel Sale, fell from age, 1813.

OAK OF NAVARRE, order of knight-hood, began in Spain 722.

OATES, **TITUS**, an informer and tool of parties in the reign of Charles II., author of the pretended popish plot, died 1705.

OATHS. The multiplicity of legal oaths in the admission to public offices, &c., led to the introduction of the recent

act, 5 and 6 William IV. c. 62, September 9, 1835. This empowers the lords of the treasury to substitute a declaration for an oath to the holders of any office under their control, formerly required to be taken or made on the doing of any act, matter, or thing, or for the purpose of verifying any book, entry, or return, or for any other purpose whatsoever. Oaths of allegiance, and in courts of justice, &c., are still to be taken. Universities of Oxford and Cambridge, and other corporate bodies, may substitute a declaration in lieu of an oath. Declaration substituted for oaths and affidavits heretofore required on taking out a patent; by acts as to pawnbrokers, &c.

OBADIAH prophesied A.C. 587.

OBSERVATORY, a building erected for the purpose of making celestial observations. Structures of this description have been common in almost every age and country; and some have imagined that the pyramids of Egypt were destined partly for that purpose. The most remarkable public observatories are the following:—The first in authentic history at Alexandria, about A.C. 300. First modern meridional instrument, by Copernicus, 1540. First observatory erected at Cassel, 1561. Tycho Bràhe's, at Uranibourg, 1576. Astronomical tower at Copenhagen, 1657. Royal (French), 1667. Royal observatory at Greenwich, 1675. Berlin, erected under the direction of Leibnitz, 1711. Petersburg, 1725. Oxford, 1772. Dublin, 1783. Cambridge, 1824.

1838. A normal observatory has been recently founded at St. Petersburg, at the Institut des Mines, where a certain number of officers receive practical instruction to qualify them to become observers in the establishments in the provinces. Eight times a day they observe the atmospheric pressure, the temperature of the air, &c. At some places they also observe, at the same hours, the magnetic dip and variation; the change in the variation being also observed, at certain times of the year, simultaneously with those, set on foot in different parts of Europe. It is proposed also to add to these, observations on the temperature of the ground, on atmospheric electricity, and on the intensity of the force of terrestrial magnetism.

O'CONNOR, DR. CHARLES, author of the "Letters of Columbanus," editor

and translator of the Irish Chronicles, &c., and librarian to the duke of Buckingham, died July 29, 1828, aged 67.

OCTAVIUS CÆSAR. See AUGUSTUS.

OCZAKOV, town, European Russia, chiefly remarkable as having been the scene of the most obstinate contests between the Turks and Russians, many thousands of whom, on both sides, have fallen in its different sieges. The Russians took it by storm in 1788, and it was confirmed to them by the subsequent peace.

ODESSA, sea-port town, European Russia, was founded in 1792 by Catherine II., on the site of a small place called Kodjabeg. The emperor Alexander followed up the views of Catherine, and numerous public establishments were set on foot under the patronage of government. In consequence of the imperial ukase, dated Feb. 7, 1817, by which this was declared a free port, and the inhabitants exempted from taxation for 30 years, its increase has, since that time, been extremely rapid.

ODEYPOOR, formerly called Chittore, town, Hindoostan, was for several centuries much celebrated for its strength, riches, and antiquity. It was first conquered by the Mahomedans in 1303, during the reign of Allah ud Deen, emphatically called the scourge of the Hindoos at Delhi. It was taken by Acber in 1567, and again, in 1680, subdued and plundered by Azim Ushaun, the son of Aurungzebe. In 1790 it was taken by Madhajee Sindia, from Bheem Singh, the rebellious subject of the rana of Odeypoor, to whom it was restored, conformably to the previous agreement, and under whose dominion it still remains under protection of the British.

ODOACER, the first barbarian king of Italy, was the son of a chieftain in the army of Attila, king of the Huns. In 476 the barbarian mercenaries in the Roman army, proclaimed him their king. Theodoric, king of the Ostrogoths, overcame him in three obstinate engagements; and in the midst of a banquet caused him to be stabbed in 493.

OFFA, the 11th king of the Mercians, and the 16th monarch of England, began his reign 757. He died at Offley, June 29, 794.

OFFA'S DYKE, made 774.

OGDENBURG, town on the river St. Lawrence, taken by the British, Feb. 21, 1813.

OGLE, J., English poet, the modernizer of Chaucer, died 1746.

OGLE, SIR CHALONER, a brave English admiral, died 1750.

O'HARA, KANE, Irish dramatic writer, died 1784.

OHIO, one of the United States of North America, separated by the river Ohio from Virginia and Kentucky. The first permanent settlement of Ohio was commenced at Marietta in 1788; in the following year the country was put under a territorial government, and called the western territory, which was afterwards changed to the territory north west of Ohio; and in 1802 it was erected into an independent state, the constitution being formed at Chillicothe. In Feb. 1832 the river Ohio overflowed its banks, and produced frightful calamities in the adjacent lands.

O'KEEFE, JOHN, the celebrated dramatic author, was born at Dublin, about 1747. His first production, which attracted public attention, was his farce of "Tony Lumpkin," played successfully at the Haymarket in 1778. His dramatic works exceed the number of 50. He died Feb. 4, 1838, in his 86th year.

OLBERS, DR., discoverer of the primary planets, Pallas and Vesta, died 1807.

OLD BAILEY SESSIONS HOUSE, built 1773; enlarged 1808. Sessions proved fatal to the lord mayor, one alderman, two judges, the greatest part of the jury, and numbers of spectators, who caught the gaol distemper and died, May 1750; again fatal to several 1772; 28 persons killed during the execution of Mr. Steel's murderers, Feb. 23, 1807.

OLDCASTLE, SIR JOHN, called the Good Lord Cobham, was born in the reign of Edward III., and was the first martyr among the English nobility. He was apprehended and condemned for heresy; but escaping from the Tower, lay concealed for four years in Wales: he was at last seized and executed in St. Giles's Fields, being hung in chains upon a gallows, and burned by a fire placed underneath, 1417.

OLDENBURGH, grand duchy of Germany. The grand duke is a member of the Germanic body, and holds with Anhalt and Schwartzburgh, the fifteenth place at the smaller diet. The house of Oldenburgh is one of the most illustrious in Europe, the kings of Denmark,

emperors of Russia, and the late royal family of Sweden, being all descended from it. In 1810 the reigning duke was expelled from all his possessions by Buonaparte; but after the battle of Leipsic, in 1813, he returned, and at the congress of Vienna received the title of grand duke. The duchess of Oldenburgh visited England in 1814; left England with the emperor of Russia and king of Prussia, June 27, 1814; was married to the duke of Wurtemberg, Jan. 23, 1816.

OLDFIELD, MRS. ANN, celebrated actress, died 1730.

OLD TESTAMENT. See BIBLE.

OLERON, an island of France, on the western coast, was formerly in the possession of the crown of England, and has been famous for its maritime laws, made in the time of Richard I. when he was at that island. The laws of Oleron being accounted the most excellent sea laws in the world, are recorded in the black book of the admiralty.

O'LEARY, DR. ARTHUR, eminent Catholic priest, died Jan. 4, 1802.

OLIVA, peace of between Sweden, Poland, Prussia, and the emperor, May 3, 1660. Esthonia and Livonia were given up to Sweden.

OLIVAREZ, COUNT DE, DON JASPER DE GUZMAN, favourite and minister of Philip IV. of Spain. It was owing to his ambition and obstinacy that an almost general war was excited about 1627, which proved highly injurious to Spain. He was banished to Toro, where he died about 1645.

OLIVENZA, fortified town, west of Spain, province of Estremadura, formerly belonging to Portugal, but was ceded to Spain in 1801. Surrendered to the French, June 22, 1810. To the allied army under Lord Wellington, April 15, 1811.

OLIVIER, CLAUDE MATTHIEU, a celebrated French lawyer and advocate of the parliament of Aix, was born at Marseilles in 1701. He died in 1736, aged 35.

OLMUTZ, town, Austria, was long a bishop's see, which was raised to an archbishopric in 1777. The university was removed to Brunn in 1778, and its place supplied by a lyceum or high school.

O'LOGHLEN, HON. MICHAEL, appointed judge in the Irish court of exchequer, October 3, 1836. He was the

first Catholic that has sat on the bench in Ireland since the revolution.

OLYMPIAD, a period of four years, by which the Greeks reckoned their time. Each Olympiad was divided into the first, second, third, and fourth year; the first year of the Olympiad, beginning with the nearest new moon to the summer solstice. They received this name from the games celebrated near the town of Olympia. The games were neglected until Lycurgus, Cleosthenes and Iphitus re-instituted the celebration of them with great solemnity, A.C. 884. The games were again discontinued, and again afterwards revived by Coræbus, A.C. 776, which is commonly reckoned as the first Olympiad; it took place about 23 years before the foundation of Rome, in the 3938th year of the Julian period, and the 3208th year from the creation. Compared with the Christian era the Olympiads are as follows:—The first A.C. 776; second in 772; third in 768; fourth in 764; fifth in 760; seventh in 752; tenth in 740; thirteenth in 723; fifteenth in 720; sixteenth in 716; seventeenth in 712; twenty-first in 696; twenty-third in 688; twenty-fourth in 684; twenty-fifth in 680; twenty-seventh in 672; twenty-eighth in 668; twenty-ninth in 664; thirty-ninth in 624; forty-third in 608; forty-sixth in 590; fifty-fifth in 560; fifty-sixth in 556; sixtieth in 540; sixty-first in 536, &c. This mode of computation terminated with the 404th Olympiad, A.D. 440.

OLYMPIC GAMES, solemn games celebrated among the ancient Greeks, so called from Olympian Jupiter, instituted, according to some, by Hercules, and re-established by Iphitus. They became so considerable, that the Greeks made them their epocha. Coræbus conquered in the 28th Olympiad from their revival by Iphitus, commonly called the First Olympiad, which was celebrated, according to Scaliger, on July 23, A.C. 776. See *the preceding Article*.

OMAR, the second caliph or successor of Mahomet, distinguished by his upright conduct, succeeded to the office, A.D. 634. Defeated the Emperor Heraclius in 636, at the bloody battle of Yermook. He died much and deservedly respected, A.H. 23, aged 63.

OMNIBUS COACHES first introduced into London, July, 1828.

OMOA, sea-port and fort of Central America, province Honduras, an im-

portant place, and considered the key of Honduras. Taken by the British forces Oct. 20, 1779; but soon after retaken by the Spaniards.

OOJEIN, city, Hindoostan, is of the most remote antiquity. Rajas of this city are mentioned by Ferishta, so early as A.D. 1008, and it was first conquered by the Mahomedans about 1230. The celebrated raja Jeysingh held the city and territory of Oojein of the Emperor Mahomed Shah; but it soon afterwards fell under the power of the Mahrattas, and has been possessed for four generations by the Sindia family. In 1803 a war commenced between the British and Dowlet Row Sindia, but the signal victories gained by Lord Lake and General Wellesley (now duke of Wellington,) soon compelled the Mahratta chiefs to sue for peace.

OPERA, a dramatic and lyric composition, of modern invention. In its present state it was not known even in Italy before the beginning of the 17th century. In the first operas, music was the principal object, with mythological characters in the fable. First introduced into England at the close of the 17th century. The first in London was in York Buildings in 1692; the first in Drury-lane was in 1705; the first by Handel in 1735.

OPERA-HOUSE, Haymarket, opened 1704; burnt 1789, and the foundation of a new one laid April 3, 1790, and used as a play-house, Sept. 22, 1791.

OPIE, JOHN, late professor of painting in the Royal Academy, was born May, 1761. In 1781 he came to London, and by the establishment of the Shakspeare Gallery in 1786, his merits were fully made known to the public. He was admitted an associate of the Royal Academy in 1786, an academican in the year following, and professor of painting in 1805. He died, after a lingering illness, in April 1807, and was honoured by an interment in St. Paul's Cathedral, near the grave of Sir Joshua Reynolds.

OPIUM, the concrete juice of the white poppy, which is most probably a native of Asia, though now found growing wild in the southern parts of Europe; it is chiefly prepared in India, Turkey, and Persia. The commencement of the use of opium in China is not known. Up to the year 1780, the Portuguese supplied the Chinese with

These games were revived in December 1859.

foreign opium; and after that period the English trade in the drug began by establishing a depôt for the sale of it to the southward of Macao. Formerly opium was admitted as a foreign article into China, on payment of a duty; but towards the end of the last century its importation was entirely prohibited; and in 1796 those found guilty of smoking opium were punished with the pillory and bamboo. In spite, however, of strong denunciations, the clandestine trade went on; the East India Company were compelled to take the preparation of the opium in the rich districts of Bengal, Behar, and Benares, into their own hands, farmed the whole of the produce, and sold it annually at Calcutta by auction to the highest bidder. Of late years it was found that the poppy grew abundantly in Malwa and Central India. The East India Company entered into negotiations with the chiefs of those districts, to prevent the manufacture of the drug, but were obliged finally to grant passes for permitting the transit of the Malwa opium through the Bombay territories for shipment to China.

The consumption of opium in China has been rapidly extending, and soon became the cause of serious misunderstandings. During the first 10 years of the present century, the exports from India to China, were about 2500 chests (of $149\frac{1}{2}$ lbs. each). In 1821-2, after the introduction of Malwa opium into the markets of Calcutta and Bombay, the exports increased to 4628 chests; and, owing to the greatly increased supply, the exports in 1831-2 exceeded 20,000 chests, worth above 13,000,000 dollars. The exports in 1836 were 26,018 chests, valued at 17,000,000 dollars.

At length the enormous extent to which the opium trade was carried on, and the injurious effects of this deleterious drug induced the Chinese government to adopt the strongest measures for its suppression; and particularly by an edict dated Jan. 26, 1836. Captain Elliot, the British representative, was forced to call on the British merchants to surrender the whole of their stock to the Chinese government, which was done and destroyed in great quantities. This circumstance occasioned the Chinese war. See CHINA, p. 264.

OPORTO, or PORTO, city and seaport, Portugal, situated on the north

bank of the river Douro, remarkable for its trade in wine, of which England is much the largest consumer. Next to England, Brazil, Russia, and the north of Europe in general, are the principal consumers. Oporto was in possession of the French during part of 1808 and the spring of 1809, when Marshal Soult, surprised by Lord Wellington, made a very narrow escape. It remained ever after undisturbed; for the French did not approach it on their second invasion of Portugal in 1810. The Miguelites, under the command of the marquis de Pasqueena, took possession of Oporto, July 3, 1828. The marquis Palmella and others, leaders of the constitutionalists, embarked for England. Don Pedro re-took it on landing in Portugal in 1832. In 1833 it was the scene of military operations, and an unsuccessful attack of the Miguelites; but has, since then, remained in possession of the new government.

OPPELN, government, Prussia, province of Silesia, was governed by its own dukes, of the race of Piast, till 1532; when the family becoming extinct, it escheated to Bohemia, and was acquired by Prussia, with the rest of Silesia, in 1742.

OPPIAN, author of poems on "Hunting and Fishing," flourished A.C. 100.

OPTICS, the science which explains the nature and laws of vision, the doctrine of light and colours, and all the phenomena of visible objects. The first optical instruments invented by the ancients, were burning lenses, which were known at Athens at least A.C. 424. Two of the leading principles of optics known to the Platonists, A.C. 300. First treatise on the science, by Euclid, about A.C. 280. The magnifying power of convex glasses and concave mirrors, and the prismatic colours produced by angular glass, mentioned by Seneca about A.D. 50. Treatise on optics, by Ptolemy, about 120; science greatly improved by Alhazen about 1108. Hints for spectacles and telescopes given by Roger Bacon about 1280. Spectacles (said to be) invented by Salvinus Armatus, of Pisa, before 1300. Camera obscura, said to have been invented by Baptista Porta, 1560. Telescopes invented by Leonard Digges, about 1571. Telescopes made by Jansen, (who is said also to have invented the microscope), about 1609. The same instrument, constructed by Galileo, with-

out using the production of Jansen. Astronomical telescope, suggested by Kepler, 1611. Microscope, according to Huygens, invented by Drebbel, about 1621. Law of refraction discovered by Snellius, about 1624. Motion and velocity of light, Roemer, and after him Cassini, (velocity 190,000,000 miles in sixteen minutes), about 1667. Double refraction explained by Bartholinus 1669. Newton's discoveries 1674. See NEWTON. Telescopes with a single lens, by Tschirnhausen, about 1690. Polarization of light, suggested by Huygens, about 1692. Structure of the eye explained by Petit, about 1700. Achromatic telescope constructed by Mr. Hall, (but not made public), in 1733. See ACHROMATIC GLASSES.

Polarization of light after having been neglected since the time of Huygens, re-discovered, and more fully developed by M. Malus, colonel of the imperial corps of engineers in France, in 1810. "The phenomena," says Sir John Herschel, "are so singular and various, that to one who has only studied the common branches of physical optics it is like entering into a new world, so splendid, as to render it one of the most delightful branches of experimental inquiry." Ramage's front-view reflecting telescope erected at Greenwich, 1820. Optical glasses of the late Dr. Ritchie described at a meeting of the Astronomical Society on June 14, 1839, in which a disc of flint-glass, $7\frac{1}{2}$ inches in diameter, is made sufficiently perfect for the construction of a good achromatic telescope.

ORAN, a maritime city of Algiers, was taken by the Spaniards under Cardinal Ximenes in 1509; recovered by the Moors in 1708; and retaken by the Spaniards in 1732: but they afterwards restored the town, retaining only the castle of Mers el Kebir. In the recent occupation of Algiers by the French it has shared the fate of the rest of this territory. See ALGIERS.

ORANGE, a city of France, department Vaucluse. It was long the capital of a principality of the same name, given by Charlemagne to William An Cornet, as a reward for his military services. It was successively possessed by the houses of Baux, Chalons, and Nassau; and, on the death of William III. of England, in 1702, Frederick William of Prussia claimed the succession; but in 1713 it was ceded to France.

ORANGE, WILLIAM, first prince of, assassinated June 30, 1584.

ORATORIO. Its origin ascribed to San Filippo Neri, who was born at Florence in 1515, and who founded the congregation of the priests of the oratory at Rome. The first in London was performed at Lincoln's-inn playhouse, Portugal-street, 1732. See HANDEL.

O'REILLI, the British consul at Guatemala, murdered by his servants, Jan. 2, 1828. The principal perpetrator, Bonilla, was subsequently tried, convicted, and executed.

ORGAN, the largest and most harmonious of all musical instruments, appears to have been borrowed from the Greeks, and was an improvement on the hydraulic organ of the ancients, which Dr. Burney says was played, or at least blown, by a cataract, or fall of water. Organs were known in France in the time of Louis le Debonair, 815, when an Italian priest taught the use and construction of them, which he himself had learned at Constantinople; but they were not generally introduced into churches till after the time of Thomas Aquinas, 1250. Soon after, they were introduced into Italy, Germany, and England. Father Smith, the celebrated organ builder, flourished in 1672. About this time the contest between Smith and the younger Harris was carried on with great spirit, and the point of preference between them was finally determined by that exquisite piece of workmanship of Smith, the organ in the Temple church.

In the present century many improvements have been made in the construction of organs; particularly in assigning greater power and compass to the diapasons, in the perfection of the machinery, &c.

ORIGEN, one of the most celebrated of the early ecclesiastical writers, was born at Alexandria in 185. In 213 he took a voyage to Rome, and on his return, applying himself closely to study, he published many works, by which he acquired great reputation. He remained at Alexandria till 228, when he was ordained presbyter at Cæsarea. During the persecution of the Christians in the reign of Decius, none were used with greater severity than Origen. He died and was buried at Tyre in 254, aged 69.

ORISSA, a province of Hindoostan, in the Deccan. Raja Anang Bheem Deo,

who ascended the throne of Orissa 1174, erected the great temple of Juggernaut. In 1743 Orissa was invaded by a large army of Mahrattas, who continued annual plundering incursions until about 1750. From this time Orissa experienced a complication of misrule, anarchy, and violence, till conquered by the British arms in 1803.

ORKNEY ISLANDS, Scotland, called by the Romans the Orcades, were discovered and conquered by Julius Agricola, about A.D. 80. At the subversion of the kingdom of the Picts by Kenneth II., king of Scotland, he obtained the sovereignty, which, in 1099, was transferred to the king of Norway. The Norwegians retained possession till the middle of the 13th century, when Magnus, king of Norway, restored them to Alexander III. of Scotland. They continued to be the object of contest between these powers till 1470, when James III. of Scotland having married Margaret, the daughter of the king of Norway, obtained the Orkneys as the dowry of that princess.

ORLEANS (AURELIANA CIVITAS), town, interior of France, is a place of great antiquity, having been besieged by Attila in 450. In the middle ages it was the occasional residence of the kings of France; and it has been the seat of several ecclesiastical councils. Since the 14th century it has conferred the title of duke, which is commonly held by a prince of the blood.

ORLEANS, DUKE OF, or EGALITE', father of Louis Phillipe, the present king of the French, was guillotined Nov. 5, 1793.

ORLEANS, NEW, city, North America, United States, capital of Louisiana. In the last American war, the British made an unsuccessful attack upon it, Jan. 8, 1815, and lost in killed, wounded, and prisoners, 2000 men. Generals Pakenham and Gibbes were also killed, and General Keane wounded.

ORMOND, BUTLER, DUKE OF, impeached June 21, 1715; retired to France, August following; £10,000 offered by Ireland for taking him, Jan. 19, 1718-19; £5000 offered by the English, March 1718-19. Died in France, and was brought to England and buried at Westminster, May 22, 1749.

ORMUTZ, island, Asia, in the Persian gulf. On this island was built a city and fort, once the most celebrated of all Asia; but the city is now one mass

of ruins. In 1505 the Portuguese first formed a settlement on this island, and it was afterwards frequented by a number of rich merchants. In 1622 the Persians, by the assistance of the English, expelled the Portuguese and demolished the buildings. It is still the key of the gulf of Persia, on account of the commodiousness of the harbour.

ORNITHOLOGY, that part of zoology which treats of birds. Of the ancients, Aristotle and Pliny are the only two who entered into any details on this subject. Among the more modern ornithologists who cultivated this science, according to methodical distribution, one of the earliest is Belon; his "History of Birds" was published at Paris in 1555. His principle of classification was chiefly founded on the varieties of habitation and food. Willoughby made great progress towards a more accurate arrangement. His work, which appeared in 1676, was revised and edited by his friend, the celebrated Ray. Linnæus, in 1776, published the 12th edition of his "Systema Naturæ," which contains the most valuable arrangement of his time, as it respects the feathered tribes. In 1781 Dr. Latham commenced his "General Synopsis of Birds," a work of much accurate detail. There are numerous writers who have treated of the birds of particular countries, as Hernandez, a Spanish physician, who has described those of Mexico; M. Brunich, who published in 1764, an account of the birds of Denmark, &c. Several of our countrymen have ably expounded or delineated, the birds of their native country.

1838. Among the more recent illustrators of this department of zoology, which are very numerous, may be mentioned the following: Mr. and Mrs. Gould lately sailed for Australia with the object of preparing for publication the ornithology of that continent. A recent part of Mr. Gould's work contains an admirably executed representation of the Apteryx, two excellent specimens of which, supposed to be male and female, have lately been presented by the Association for colonizing New Zealand, to the museum of the Zoological Society.

OROSIUS, the author of the "History of the World," flourished in the fourth century of the christian era.

ORRERY, the first constructed was

by Mr. Grattan in 1670: it is called after Lord Orrery.

ORSATO, SERTORIO, the antiquarian, poet, and historian, was born 1617, died 1678.

ORTON, JOB, an English dissenting minister, author of "Letters to a Young Clergyman," and the biographer of Dr. Doddridge, was born 1717, died July 19, 1783.

OSBORNE, FRANCIS, historian, born 1590, died 1659.

OSMA, an ancient town, Spain, was taken by Pompey, A.U.C. 682; by the Moors in the 11th century, but afterwards retaken. Here also General Graham defeated a detachment of the French army in 1813.

OSNABURGH, or OSNABUCK, principality of the kingdom of Hanover, was formerly the territory of a bishop, and the see is of very remote antiquity. After the Reformation, many of the inhabitants embraced the Lutheran faith; and it was agreed at the treaty of Westphalia, that the bishop should be alternately a Catholic and a Lutheran, but limited, on the election of a Protestant, to the family of Luneburg. In 1802 it was agreed that the bishopric should devolve in perpetuity on the house of Hanover, as a compensation for certain territorial cessions. It was annexed in 1807 to the kingdom of Westphalia, but restored to Hanover in 1814.

OSSIAN, a celebrated celtic bard, and the son of Fingal. Ossian was married early in life to Everallin, daughter of Branno, king of Lego, in Ireland. According to Mr. Macpherson, he flourished at the latter end of the third and the beginning of the fourth century. The life of Ossian is represented as a continued scene of warfare. At what period he died cannot be ascertained. See MACPHERSON.

OSSORY, an ancient bishopric, Ireland, province of Leinster, founded in the fifth century at Saigir, removed thence to Aghaboe, and settled at Kilkenny after 1178. The bishopric of Ferns, in virtue of the Irish Church Temporalities Act, was united to that of Ossory, July 12, 1835.

OSTEND, town, kingdom of Belgium, was at first a small village; became a town in 1072; and was encompassed with walls in 1445 by Philip the Good; regularly fortified in 1583, by the prince of Orange. In 1601 it was besieged by

the archduke Albert; and in September, 1604, above three years after it had been first invested, the garrison and inhabitants, after a sacrifice of 100,000 brave soldiers, obtained the most honourable terms of capitulation. In 1706 it was besieged by the allied army, and after an obstinate resistance, the garrison surrendered on capitulation. In 1722 the court of Vienna established an East India company at Ostend; but in 1731 it was dissolved. In 1745 Ostend was taken by the French, but evacuated in the following year. Since the peace of 1814, the regular communication between Ostend and Dover, has been renewed. Post-office packets convey the mails twice a week, and other packets sail regularly to Dover, London, &c.

OSTROGOTHS. See GOTHS.

OTAHEITE, or TAHITI, island, South Pacific Ocean, was discovered in 1767, by Captain Wallis, who called it George III.'s Island. It was visited in 1768 by Captain Cook, who came here to observe the transit of Venus, and sailed round the island in a boat; it was afterwards visited twice by that celebrated navigator. In 1799, king Pomare ceded the district of Matavia, north of the island, to some of the missionaries belonging to the London Missionary Society, through whose labours the inhabitants of Otaheite and many of the neighbouring islands have been induced to renounce idolatry. A general reformation of manners has been effected, numbers of schools established, the useful arts introduced, and civilization is now rapidly advancing.

OTHO THE GREAT, crowned king of Germany, 936; defeated the Sclavonians, and made Bohemia tributary, 950; expelled the Hungarians from Bohemia, 955; was crowned emperor of the west, 962; took Rome, 964; caused his son, Otho II., to be crowned emperor, 967, and died 973.

OTTLEY, WILLIAM YOUNG, F.R.S., and S.A., keeper of the prints in the British Museum, known as an artist, a collector, and an author. His "Fall of Satan," eight feet by six, was exhibited at Somerset House. His collection of engravings, which he continued to enrich up to within a few years of his death, is supposed to be one of the most complete and best selected in Europe. He died May 26, 1836, in his 65th year.

OTTO, JOHN, of Nurembergh, the

first bookseller who made bargains for copyrights of MS. literature. without being himself a printer, died 1516.

OTWAY, THOMAS, author of "Venice Preserved," &c., born 1651, died 1685.

OUDE, province or kingdom, Hindoostan, celebrated in Hindoo history as the kingdom of Dasaratha, the father of the great Rama, who extended his empire to the island of Ceylon. One of his descendants, Asoph ud Dowlah, who succeeded to the throne in 1775, reigned until 1797, when the dignity was usurped by Vizier Ali. He was dethroned by Lord Teignmouth, and the government confided to Saadet Ali, who was proclaimed nabob of Oude, January 21, 1798. Ever since, this territory has been protected by a British subsidiary force, the expense of which was defrayed by the nabobs of Oude. In 1801 a treaty was concluded by which certain districts were ceded to the British government. Saadet Ali died July 11, 1814, and the accession of the nabob Ghazi ud Deen Hyder took place without the smallest interruption. He confirmed all the subsisting treaties, and acceded to the adjustment of many questions long pending with the British government. In 1819 he renounced all subservience to the throne of Delhi, assuming the title of king. In 1837, in consequence of the death of the reigning monarch, disputes arose with the British, which led to hostilities. See INDIA.

OUDENARDE, town, Belgium, known in history by the memorable victory obtained over the French in 1708, by prince Eugene and the duke of Marlborough.

OUGHTRED, REV. WILLIAM, a distinguished mathematician, was born at Eton in 1573. About 1628 he was appointed by the earl of Arundel to instruct his son in the mathematics; and the most celebrated mathematicians of that age owed most of their skill to him. He died in 1660, aged 88. His principal works were "Clavis Mathematica;" "A Description of the Double Horizontal Dial;" "Opuscula Mathematica," and others.

OVERBURY, SIR THOMAS, poisoned in the Tower, Sept. 17, 1613, aged 32.

OVID, PUBLIUS OVIDIUS NASO, one of the most celebrated of the Roman poets, was born at Sulmo, about A.C. 43. Virgil, Propertius, Tibullus, and Horace, honoured him with their

correspondence, and Augustus patronized him with the most unbounded liberality; he was banished to Tomos, a city on the Pontus Euxinus, when 50 years of age. He died A.C. 15, in his 57th year. His "Metamorphoses," in 15 books, relate a great variety of mythological traditions.

OWEN, DR. JOHN, a learned non-conformist divine, was born in 1616, at Haddenham, in Oxfordshire, where his father was vicar. In 1642 he published his book entitled "A Display of Arminianism," which laid the foundation of his fame. He was promoted to the deanery of Christchurch in 1651; and Cromwell, when chancellor of the university, nominated him his vice-chancellor, and he was created doctor of divinity by diploma. Dr. Owen filled this office five years; during which he behaved with the greatest moderation. On the death of Cromwell he was removed from the vice-chancellorship; and at the Restoration was ejected from his deanery of Christchurch. He therefore retired to his estate at Haddenham. He died at Ealing in 1683, in his 67th year.

OWEN, REV. J., divine, one of the founders of the Bible Society, died 1822.

OWHYHEE, or HAWII, island, Pacific Ocean, the largest of the Sandwich islands. Here Captain Cook fell a victim (in 1779) to a sudden resentment of the natives, with whom he unfortunately had a dispute. The inhabitants of this island, formerly devoted to the most degrading superstition, have, within a few years, wholly renounced idolatry, and some missionaries are settled among them. The king and chiefs ceded it to Great Britain in 1794. This island is remarkable for its high mountains, Mowna Kaah, Mowna Roa, and others, which were ascended and described by Mr. Douglas in 1834. Mowna Kaah, or the White Mountain, according to Mr. Douglas's observations, is 13,587 feet above sea level, Mowna Roa 13,175 feet.

OXENHALL, near Darlington. The earth here suddenly rose to an eminence resembling a mountain; remained so several hours, then sunk in as suddenly with a horrible noise, leaving a deep chasin, A.D. 1179.

OXFORD, an inland county, England, during the Saxon heptarchy, formed a part of the kingdom of Mercia. It was the seat of frequent hostilities between the rival sovereigns; and after Egbert

was established king, suffered much from the incursions of the Danes, who defeated the English near Hook-Norton. In the civil wars between the houses of York and Lancaster, an engagement took place near Banbury, 1469, when the Yorkists were defeated by the earl of Warwick, and Edward IV. was made prisoner. When hostilities occurred between Charles I. and the parliament, Oxford became the head-quarters of the Royalists: and the skirmish at Chalgrove-field, near Watlington, in 1643, is memorable for the death of Hampden.

OXFORD, capital of the above county. Its origin is uncertain. Its authentic history cannot be traced further than the reign of Alfred the Great. In the time of Ethelred II., Oxford was burnt by the Danes. It was surrendered to Sweyn in 1013, and was burnt a second time, it is said, in 1032. After the battle of Hastings, William I. gave it to Robert D'Oyley, one of his officers. He founded or rebuilt a strong castle in 1074, part of which is still standing. Henry I. built a hall or palace here called Beaumont, of which some part remained till 1834. Several meetings of parliament are recorded as having taken place here (in Christchurch-hall,) the last of which was in the reign of Charles II. In 1555 the bishops, Latimer and Ridley, were burnt here for heresy; and in the following year Cranmer shared the same fate.

The bishopric of Oxford owes its origin to Henry VIII., who, in 1542, having separated the county of Oxford from the diocese of Lincoln, erected it into a new bishopric, and converted the church of Oseney-abbey into a cathedral, to which were attached a dean and six prebendaries, to form a chapter for the bishop of Oxford. About four years afterwards, the king removed the see from Oseney to Christchurch, built on the site of St. Frideswide's, the conventual church of a nunnery founded in the eighth century. The present cathedral church is a large cruciform structure, partly Norman and partly Gothic.

OXFORD UNIVERSITY. Its early history is obscure, but there does not appear to be evidence of any regular establishment for learning earlier than the time of Alfred the Great, who founded at Oxford three halls, or schools. Under Henry I., surnamed Beauclerc, the infant university prospered. In 1286 Edward I.

gave the chancellor of the university authority to decide all pleas and disputes between the students and the burgesses. About this time the title of university was formally conferred upon the incorporated schools of Oxford by the pope; and Edward II. granted letters patent, ratifying all the immunities, rights, and privileges which had been previously conferred on the institution. The alterations in the ecclesiastical government in the reign of Henry VIII., were advantageous to the university, which obtained a good share of the property of the suppressed monasteries. When the civil war broke out between Charles and the parliament, the university favoured the royal cause, and made great, though ineffectual efforts to support it.

The university was incorporated in the 13th of Elizabeth, under the style of the chancellor, master, and scholars of the university of Oxford; the laws by which it is now governed were compiled by its own members in the reign of James I., and ratified by authority of the 14th of Charles I., by whom was granted a charter, which confirmed and extended the various grants of preceding monarchs.

The colleges of this university are,—
 1. University, founded in 1232, by William, archdeacon of Durham. 2. Balliol, founded about 1264, by Sir John Balliol, father of Balliol, made king of Scotland by Edward I. 3. Merton, by Walter de Merton, lord chancellor, about 1280. 4. Exeter, by Walter Stapledon, bishop of Exeter, in 1315. 5. Oriel, by Adam de Brome, in 1326. 6. Queen's, in 1340, by Robert de Eglesfield, chaplain to Philippa, queen of Edward III. 7. New College, in 1386, by William of Wykeham. 8. Lincoln, founded by Richard Flemming, bishop of Lincoln, in 1427. 9. All Souls, founded in 1437, by Henry Chichele, archbishop of Canterbury. 10. Magdalen, by William of Weynfleet, bishop of Winchester, in 1456. 11. Brazennose, founded in 1509, by William Smyth, bishop of Lincoln. 12. Corpus Christi, in 1516, by Fox, bishop of Winchester. 13. Christchurch, commenced by Cardinal Wolsey, and completed by Henry VIII., in 1532. 14. Trinity, was founded by Sir Thomas Pope, in 1554, but the chapel was rebuilt in 1694. 15. St. John's, in 1557, by Sir Thomas White, lord mayor of London. 16. Jesus College, founded in 1571, by Dr. Hugh Price. 17. Wadham,

erected by the widow of Nicholas Wadham, Esq., in 1613. 18. Pembroke, in 1624, by Thomas Tesdale, Esq. and Rev. Richard Wightwick; named from the earl of Pembroke, then chancellor. 19. Worcester, originally a seminary for educating the novices of St. Peter's Abbey, Gloucester, restored under the name of Gloucester Hall, and in 1714 established in its present form. There are five halls:—1. Alban Hall, belonging to Merton College. 2. Edmund Hall, formerly belonging to Osney Abbey, but now attached to Queen's College. 3. St. Mary's Hall, formerly the parsonage house of the rectors of St. Mary's church, but given to Oriel College in 1325. 4. New Inn Hall, originally a Bernardine convent, given to New College by the founder in 1391. 5. Magdalen Hall, founded in 1480 by bishop Waynfleet, but removed in 1822 to the buildings of Hertford College.

CHANCELLORS of the UNIVERSITY since the Revolution:—

James, duke of Ormond, installed 1688.

Earl of Arran, 1715.

John, earl of Westmoreland, 1759.

George Henry, earl of Lichfield, 1762.

Frederick, Lord North, late earl of Guilford, 1772.

William Henry, duke of Portland, 1792.

William Windham Granville, Lord Granville, 1809.

Arthur, duke of Wellington, 1834.

OXFORD ASSIZES, memorable by the death of the sheriffs and 300 persons, who caught the infection from prisoners, 1577.

OXFORD, EDWARD, attempted to shoot the queen, June 10, 1840. About six o'clock, her majesty, accompanied by

her royal consort, left the palace in an open carriage, with four horses, and only two attendants. They drove up Constitution-hill, and at about 120 yards between the palace and the triumphal arch at Hyde-Park-corner, Edward Oxford drew a pistol from his breast, and, when nearly opposite him, he discharged it at the carriage. The ball was heard to whiz along, but it missed its object. Oxford was immediately taken into custody. His trial for high treason came on, Thursday, July 9, following, and terminated next day; verdict, "guilty, but being at the time insane." The sentence was, that "Edward Oxford be confined in strict custody during her majesty's pleasure."

OXUS, a river of Central Asia, the course of which is chiefly through Independent Tartary. Its exact source lately discovered by Lieut. Wood, who served under Captain Sir A. Burnes, F.R.S., in his expedition to Cabul in 1832. It rises in the elevated region of Pameer, in Sinkoal, from a sheet of water, encircled on all sides, except the west, by hills, commencing its course at the great elevation of about 15,600 feet above the sea.

OXYGEN-GAS, discovered by Dr. Priestly, August 1, 1774, and named by him dephlogisticated air; discovered also by Scheele the following year, and afterwards named oxygen gas by Lavoisier; found to be a component part of atmospheric air, 1777.

OXYMURIATIC ACID, a peculiar gaseous substance, discovered by Scheele in 1774, and now called chlorine.

OZANAM, JAMES, an eminent mathematician, born 1640, died 1717.

OZELL, JOHN, the translator of "Don Quixote," died 1743.

P.

PACIFIC OCEAN discovered by Vasco Nunez de Balboa, September 26, 1513, who named it the South Sea. It received the name of Pacific from Magellan, who, when he entered this ocean through the strait which bears his name, enjoyed for three months calm and gentle weather, with fair winds. A new group of islands in the Pacific was discovered in the spring of the year 1837 by

her majesty's ship Actæon, captain lord Edward Russell, while on the passage from Tahiti to Pitcairn's island. This group lies in the Dangerous Archipelago.

PACUVIUS, MARCUS, a Roman poet, flourished about A.C. 154.

PADERBORN, a city and bishopric of Prussia, province of Westphalia. The bishopric was erected by Charleagne towards the close of the eighth century,

and the cathedral was consecrated by pope Leo in person in 796. Paderborn, the chief town, was one of the Hanse towns, and, till 1604, an imperial city. The university was founded in 1592.

PADLOCKS were first invented at Nuremburg, 1540.

PADUA, an ancient city of Italy, the birthplace of Livy, was destroyed by Attila, repaired by Narses, and again destroyed by the Lombards; it was often ravaged, and as constantly re-established. In 1406 it was taken from the dukes of Milan by the Venetians. The university was founded by Charlemagne, and much enlarged by the emperor Frederick II. and pope Urban IV.; but it has recently declined much from its former reputation. The city was taken by the Archduke John, and re-taken by the French, 1809.

PAGAHM, a town, kingdom of Ava, formerly the residence of the kings. In 1825 it was captured by the British under Sir A. Campbell; and, like the surrounding country, presented a heap of ruins.

PAINE, THOMAS, the celebrated author of the "Rights of Man," born at Thetford, in Norfolk, 1737, died at New York in North America, June 8, 1809.

PAINTING. The earliest authentic account in profane history of the existence of painting is in the reign of Ninus and Semiramis, king and queen of Assyria, about A.C. 2000. Several travellers who have visited Thebes and the sepulchral grottos of Upper Egypt, have described the paintings of the Egyptians. Pliny states that about the 16th Olympiad, or little better than 700 years before the Christian era, Candaules, king of Lydia, purchased a picture painted by Bularchus, called the battle of the Magnetes, and gave for it its weight in gold.

But this art may be considered as little advanced from infancy till about A.C. 400, when Zeuxis and Parrhasius flourished. By Apelles, Protogenes, and Euphranor, it was carried to the greatest height of perfection. See **APELLES**. Painting was first introduced at Rome from Etruria by Quintus, who on that account was called Pictor, A.C. 291. The first excellent pictures were brought from Corinth to Rome by Mummius A.C. 146. Painting in oil is said to have been invented by John Van Eyck, who, with his brother Hubert, were the founders

of the Flemish school, A.D. 1415. About the same time with Van Eyck flourished Leonardo da Vinci, Michael Angelo, Titian, Bartholomew de St. Marc, and Raffaell.

The following is an alphabetical list of the most eminent painters between the 15th and 17th centuries:—

School.	Name.
Lom.	Albano, born 1578, died 1660.
Flem.	Albert Durer, born 1471, died 1528.
Rom.& } Flor. }	Andrea del Sarto, born 1471, died 1520.
Rom.	Baroccio, born 1528, died 1612.
Ven.	Bassano, James, born 1510, died 1592.
Ven.	Bellini, John, born 1422, died 1512.
Fr.	Bourdon, born 1616, died 1671.
Fr.	Brun, Le, born 1619, died 1690.
Ven.	Claude Lorraine, born 1600, died 1682.
Lom.	Caracci, born 1560, died 1609.
Lom.	Coreggio, born 1494, died 1534.
Rom.	Daniel de Volterra, born 1509, died 1566.
Flem.	Diepenbeck, born 1607, died 1675.
Lom.	Domenichino, born 1581, died 1641.
Rom.	Giulio Romano, born 1492, died 1546.
Ven.	Giorgione, born 1477, died 1511.
Lom.	Guercino, born 1590, died 1666.
Lom.	Guido, born 1574, died 1642.
Flem.	Holbein, born 1498, died 1544.
Flem.	Jorddens, James, born 1594, died 1678.
Flem.	Luca Giordano, born 1629, died 1704.
Lom.	Lanfranco, born 1581, died 1647.
Rom.	Leonardo da Vinci, born 1445, died 1520.
Flem.	Lucas of Leyden, born 1404, died 1533.
Rom.	Michael Angelo Buonarotti, born 1474, died 1563.
Lom.	Michael de Caravaggio, born 1569, died 1609.
Ven.	Mutiano, born 1528, died 1589.
Flem.	Otho Venius, born 1556, died 1634.
Ven.	Palma, the elder, born 1460, died 1556.
Ven.	Palma, the younger, born 1544, died 1628.
Rom.	Parmegiano, born 1503, died 1540.

- Ven. Paul Veronese, born 1532, died 1588.
- Rom. Pierino del Vaga, born 1500, died 1547.
- Rom. Pietro de Cortona, born 1596, died 1669.
- Rom. Pietro Pe rugino, born 1446, died 1524.
- Rom. Polidore de Caravaggio, born 1495, died 1543.
- Ven. Pondenone, born 1484, died 1540.
- Fr. Poussin, Nich., born 1594, died 1665.
- Rom. Primaticcio, born 1490, died 1570.
- Rom. Raffaele, born 1483, died 1520.
- Flem. Rembrandt, born 1606, died 1674.
- Flem. Rubens, born 1577, died 1640.
- Rom. Salviati, Fra., born 1510, died 1563.
- Fr. Sueur, Le, born 1617, died 1655.
- Flem. Teniers, born 1582, died 1649.
- Rom. Testa, Pietro, born 1611, died 1650.
- Ven. Tinteretto, born 1512, died 1594.
- Ven. Titian, born 1477, died 1576.
- Flem. Vandyck, born 1599, died 1641.
- Rom. Vanni, born 1563, died 1610.
- Rom. Zuccherò, Taddeo, born 1529, died 1566.

This art was revived in England in the 18th century. The first step towards it was the establishment of a school for drawing from the living figure, by Sir James Thornhill, in conjunction with Sir Godfrey Kneller. After a while they were visited by Hogarth and others, and a large body was formed, who established themselves in Peter's Court, St. Martin's Lane, in 1739. The result was the institution of the Royal Academy, in 1768, under the more immediate patronage of his majesty; Sir Joshua Reynolds being nominated the first president. Of those who have practised in the higher style of painting in this country may be mentioned the names of Reynolds, Romney, Opie, Barry, West, Martin, Lawrence, &c.

1839. M. Leipmann, of Berlin, has invented a machine for copying paintings in oil with perfect exactness. This discovery is stated to be the result of ten years' incessant study; M. Leipmann

having been a regular attendant at the museum at Berlin, where he selected a portrait by Rembrandt, as the object of his experiment. Fixing single features and parts of this picture in his memory, by hours of daily and incessant observation, he contrived to reproduce them at home, with perfect fidelity; and by the aid of a machine, in what manner is not known. The discovery, however, is so complete, that he has produced, in the presence of the directors of the museum, 110 copies of the painting in question. These copies are said to be perfect, and to retain the most delicate shades of the original picture, confessedly one of the most difficult to copy in the usual way.

PALERMO, city, island Sicily, fell under the dominion of the Romans, who, soon after the first Punic war, allowed it to be governed by its own laws, and conferred on it many privileges. The Saracens afterwards made it the capital of the part of Sicily which they occupied, and since their time it has generally been considered the capital of Sicily. The court of Naples resided here from 1806 to 1815. It is now the seat of the viceroy of the Sicilian parliament.

PALEY, DR. WILLIAM, an eminent moral and theological writer, was born at Peterborough, in 1743. After he had completed his 15th year, he was admitted a sizar of Christ's College, Cambridge. In 1782 he was made archdeacon of Elphin, Ireland, and soon after published "The Elements of Moral and Political Philosophy." His "Horæ Paulinæ" was published in 1790; in 1794 his "View of the Evidences of Christianity," and his "Natural Theology," appeared in 1801. He died May 25, 1805.

PALISSY, BERNARD DE, a French artist, who discovered the method of applying enamel to stone ware; born about 1524, died 1590.

PALLADIO, ANDREA, the Italian architect, was born at Vicenza in 1518. To Palladio is chiefly attributed the classic taste which reigns in so many of the buildings of Italy. His master-piece is reckoned the Olympic theatre at Vicenza; in imitation of that of Marcellus at Rome. He died in that city in 1580.

PALLAS, PETER SIMON, M.D., the Russian traveller, and author of "Natural History," died Sept. 8, 1811.

PALMYRA, an ancient city of Syria,

now entirely in ruins, supposed to have been the "Tadmor in the wilderness," built by Solomon. It continued independent till the time of Trajan, who reduced it, and it became a part of the Roman dominions. From Adrian to Aurelian, for about 140 years, it continued to flourish and increase in wealth and power. It was taken by Aurelian A.D. 273, after a long siege, and he destroyed it, putting to death most of the inhabitants, without regard to age or sex. It then recovered, so that in the 12th century, there were 2000 Jews in it. But it gradually sunk into an obscure town, and at length a miserable village. The ruins consist of temples, palaces, and porticos of Grecian architecture; and lie scattered over an extent of several miles. They were accidentally discovered by some English travellers from Aleppo at the beginning of the 11th century.

PALSGRAVE, JOHN, English dramatic writer, flourished 1531.

PAMPLONA, or **PAMPELUNA**, town, Spain, supposed to have been built by Pompey. The city was taken by the French on their invasion of Spain; but it surrendered to the allied forces in 1813.

PANAMA, province of Columbia. Ornis d'Avila settled a colony here about 1517, and in 1521 it was constituted a city by the emperor Charles V., with numerous privileges. In 1670 it was sacked and burnt by John Morgan, an English adventurer. It was consumed by fire in 1737. After this accident it was rebuilt about three miles west of the former situation. Its present position, by a recent observation, is in lat. 8° 57' north long. 79° 30' west of Greenwich, on a tongue of land shaped nearly like a spear-head, extending a considerable distance out to sea.

PANDOUR, village, north of Hungary, chiefly noted as giving name to the Servian or Rascian foot soldiers, called Pandours, who formerly distinguished themselves for their activity against robbers. They came into notice as regular troops in 1741, when Baron Trenk marched 1000 of them against the Prussians.

PANIPUT, town, Hindoostan, celebrated for the shrine of a Mahomedan saint of high repute. Two important battles have been fought near Paniput; in the first (1525), the army of Sultan Baber routed that of Ibrahim Lodi, who

was slain; in the second (1761), the Mahomedan army under Ahmed Shah Abdalli, conquered the Mahrattas under Sedasiva Bhow.

PANTHEON, an ancient temple at Rome, dedicated to all the gods; supposed to have been erected by Agrippa, son-in-law to Augustus, about the time of the birth of Christ. This is the most ancient edifice that now remains in a state of preservation.

PANTHEON, London, opened January 28, 1772, destroyed by fire January 14, 1792.

PAOLI, GENERAL PASCAL, the celebrated Corsican chief, died Feb. 1, 1807.

PAPER, a word derived from Papyrus, the name of that celebrated Egyptian plant which was much used by the ancients in all kinds of writing. It was an important branch of commerce to the Egyptians, which continued to increase towards the end of the Roman republic, and became still more extensive in the reign of Augustus. St. Jerome informs us that it was as much in use in the fifth century, when he flourished. An ancient manuscript of this paper, which Father Montfaucon saw in the French king's library, was written A.D. 1050.

The modern paper now manufactured from linen rags was unknown to the ancients. It is supposed to have been discovered in the 12th century, but was not in general use till about the beginning of the 14th. The oldest German paper-mill was established in 1390, at Nuremberg. The first paper-mill in England was established at Dartford, by a German, jeweller to Queen Elizabeth, about 1588. Scarcely any but brown paper was made in England till 1690, when white paper was first made. A paper was made of the asbestos at Danbury, in Connecticut, in North America, by Mr. Beach, who discovered a fine kind there in 1792.

About the middle of last century the paper engine was invented in Holland, by which the mode of making paper was entirely changed; since then the machinery of the mills has gone on progressively improving. Messrs. Fourdriniers took out a patent which expired in 1822; since then the number of mills has increased. There are in Great Britain 800 paper mills, most of which are worked by machinery.

Latterly Fourdriniers have taken out a

new patent, and made great improvements. From a technical description of their invention, which was given in the house of commons, it appeared that 1000 yards, or any given quantity of yards of paper, could be continuously made by it. By the revolution of the great cylinders employed in the process, an extraordinary degree both of quickness and convenience in the production was secured. It has caused a remarkable increase in the revenue. In 1800, when this machine was not in existence, the amount of the paper duty was £195,641; in 1821, when the machinery was in full operation, the amount of duty was £579,867; in 1835 it was £833,822.

1839. 2 and 3 Victoria, c. 23, June 19, consolidates and amends the laws for collecting and securing the duties of excise on paper. This statute also directs the mode in which paper makers are to make up, tie up, and weigh their paper, in which the export of paper is to be conducted, and the allowances and drawbacks procured. It also repeals several previous acts; and amongst others, 6 and 7 Will. IV. c. 52.

PAPIN, the inventor of "The Digester," and the first person who made experiments on the power of steam, died 1694.

PAPISTS. See CATHOLICS.

PAPPUS, mathematician, flourished in the fourth century.

PAPUA, or NEW GUINEA, island, South Pacific Ocean, the largest mass of southern continent next to New Holland. With the natives the British have as yet had very little intercourse. In 1778 it was visited by Captain Thomas Forest, in a large Malay prow, on a speculation of his own; and from his narrative our chief information has been derived respecting the natives. In 1791, when the Panther, a Bombay cruizer, was off the coast of New Guinea, the natives decoyed the surgeon into their canoes, and murdered him. About 1796 it was partly surveyed by Captain M'Cluer, who discovered the deep inlet named after him, which penetrates so far as almost to cut the island in two. The Dutch, in 1828, formed a settlement in Triton bay, in lat. 3° 33'.

PARA, capital of the province of the same name, in the empire of Brazil; the inhabitants were massacred by the Indians in 1835. See BRAZIL.

PARACELSUS, a celebrated physi-

cian who flourished in the 16th century, was born at Einfidlen in Switzerland. He read lectures on medicine, in the German tongue, at Basil, and by the bold use of some active medicines, especially mercury and opium, he effected many cures; yet the barbarism, vanity, and extravagance of his lectures at length disgusted the students. He died at Saltzberg in 1541, aged 48.

PARAGUAY, extensive district, South America, now included in the province of Buenos Ayres, republic United Provinces of La Plata. In 1515 the Spaniards discovered this country by sailing up the Rio de la Plata; and in 1535 founded the town of Buenos Ayres. In 1580 the Jesuits found their way hither; and, in the next century, founded the missions of Paraguay. In 1757 Spain exchanged the colonies on the east shore of the Uruguay for the Portuguese colony of St. Sacrament. In 1767 the Jesuits were expelled by the court, and the natives placed upon the same footing as the other Indians of Spanish South America. In 1810, at the revolt of the Spanish possessions, it was united to the new republic of La Plata.

PARCHMENT, invented by Attalus, king of Pergamus A.C. 198.

PARENT, ANTHONY, mathematician, born 1666, died 1716.

PARGA, seaport town, Albania, memorable for its opposition to the tyrant Ali Pacha, was built in the decline of the Roman empire. In 1401 it entered into an alliance with Venice, which continued nearly four centuries, until the subversion of the latter in 1797. Being then independent of the tyrant of Albania, it afforded an asylum to refugees from his violence, and was the seat of frequent cabals against his government. In 1798, when he found means to reduce other fortified places on the adjacent coast, Parga alone bade defiance to his arms. In 1814 Ali marched against it with a military force; the Pargiots withstood the attack, but applied to the British in Corfu, and received a garrison from them. But the dread of continued dissensions with the Albanians led to a negotiation with England, for its surrender, on Ali paying a pecuniary indemnity to those of the inhabitants who should refuse to remain after a change of government. In 1819, to the great grief of the inhabitants, Parga was ceded to the authorities of the Porte, according to

the treaty of Vienna, by which the whole continent of Albania and Greece was placed under the Turkish rule. The evacuation soon after took place, most of the inhabitants removing to the Ionian islands.

PARIAN CHRONICLE. See ARUNDELIAN MARBLES.

PARIS, capital of France, and one of the finest cities in Europe, owes its foundation to the means of defence afforded by the insular position of the spots now called the Cité, and Ile de St. Louis. Under the name of Lutetia, it afforded a short residence to the Roman detachment sent against it by Cæsar. The houses were then merely of mud, with straw roofs, and without chimnies. When the Gauls (A. C. 53) revolted, Labienus was sent against Lutetia, but the inhabitants burnt their houses and destroyed the bridges, and many bloody conflicts ensued; they were at last compelled to submit. The Romans improved the fortifications, and built an aqueduct; but the town was so insignificant that no further mention is made of it for nearly 400 years, when the emperor Julian spent the winter there, occupying the palace now called the Palace des Thermes. He changed the name from Lutetia to Parisii, or Parisea.

Towards the close of the fifth century it was taken by the Franks, and in 508 constituted the capital of their kingdom. Under Charlemagne the city was much improved and partly walled, and the suburbs began to be formed. Under the third, or Capetian dynasty, Paris began to extend more rapidly; and, in the reign of Louis VI., was surrounded by a wall, which included the suburbs. Philip II. rebuilt the churches, ordered the streets to be paved, built the castle of the Louvre, and greatly enlarged the extent of the wall. In 1356 the fortifications were again enlarged and improved, and the Bastille built. The calamitous times of Charles VI. and VII. put a stop to all public improvements; but after the accession of Louis XI., the work again went on rapidly, and in the long reign of Louis XIV., took place the grand improvement of levelling the Boulevards, filling up the moat, and planting the whole with rows of trees.

During the massacres of the revolution, in which Paris took so conspicuous a part, the city suffered considerable de-

lapidation. But on the accession of Buonaparte, he greatly enlarged and improved it. After his fall, Paris was entered by the emperor of Russia at the head of his troops, March 31, 1814, and the treaty of Paris signed by the ministers of the allied sovereigns for the protection of France, May 30, 1814. It was occupied by the allied army, July 3, 1815.

1830. The most eventful period in the recent history of Paris, was the revolution of this year, during the reign of Charles X., when in the short space of one week (the closing week in July) deservedly styled *La grand Semaine*), this city was the scene of another remarkable convulsion. July 26, a report addressed to the king of France, appeared in the "*Moniteur*," signed by Prince Polignac, and the other ministers, recommending the suppression and restriction of the periodical press, and the re-construction of the Chamber of Deputies, on the ground of its present democratical tendency. In the same paper also appeared, the ordinances in conformity with the above report, dated the 25th, signed by the king and countersigned by the respective ministers. July 27th, attempts being made to publish several of the French newspapers in opposition to the ordinances issued, the printing-presses and types were seized and destroyed by the gendarmerie. Paris was in a dreadful commotion; the workshops were closed, the populace assembled in great masses, and testified by every means in their power their dissatisfaction at the late attempt to circumscribe their liberties.

July 28 to 30. Continued conflicts in the streets of Paris. The National Guard resumed their arms and uniforms, of whom General Lafayette took the command; and, joining the populace, were uniformly successful in repelling the regular troops; several regiments of whom, however, joined the popular cause toward the close of the contest, in which many lives were lost. Charles X. left Paris, and retired to Rambouillet.

July 31. The recently elected deputies assembled in Paris, and voted that the ordinance for their dissolution being a contravention of the charter, were legally constituted. They then resolved that the safety of the nation requiring an immediate governor, the duke of Orleans be requested to accept the office of lieutenant-general of the kingdom. Aug. 7, in a sitting of the chamber of

deputies, it was resolved that on agreeing to certain stipulations the duke of Orleans should be acknowledged sovereign of France, under the title of king of the French. Aug. 9th, in the sitting of the chamber of deputies, Louis Philip I. attended, and notified his acceptance of the crown of France on the terms proposed to him.

PARIS, TREATIES AT. Feb. 10, 1763, peace of Paris concluded between France, Spain, Portugal, and Great Britain. Cession of Canada by France, and of Florida by Spain. May 15, 1796, between the French republic and the king of Sardinia, the latter ceding Savoy, Nice, the territory of Tende and Benil, and granting a free passage for troops through his states. Jan. 6, 1810, peace of Paris, between France and Sweden, whereby Swedish Pomerania, and the island of Rugen, were given up to the Swedes, who agreed to adopt the French prohibitory system against Great Britain. April 11, 1814, the treaty of Paris ratified on the part of Napoleon and the allies, by which Napoleon renounced his sovereignty over France; stipulating that the island of Elba should be his dominion and residence for life, with a suitable provision for himself and Maria Louisa, who was to have vested in her the duchies of Parma and Placentia; the same to descend to her son. April 23, 1814, a convention signed at Paris, between the Count d'Artois on the one part, and the Allied Powers on the other, stipulating that all hostilities should cease by land and sea; that the confederated armies should evacuate the French territory, leaving its boundaries the same as they were on Jan. 1, 1792. May 30, 1814, peace of Paris ratified between France and the Allied Powers, in a supplemental article of which Louis XVIII. stipulated that he would exert his endeavours with the continental powers to ensure the abolition of the slave trade, in conjunction with Great Britain. July 20, a treaty of peace signed between France and Spain, at Paris, confirming the stipulations of previous treaties, which had existed on Jan. 1, 1792. March 13, 1815, the eight powers who had ratified the treaty of Paris, issued a manifesto after the escape of Napoleon from Elba, declaring him a common enemy to the repose of the world. July 3, the convention of St. Cloud entered into between Marshal Davoust on the

one part, and Wellington and Blucher on the other, by which Paris was surrendered to the Allies, who entered it on the 6th. Aug. 2, a convention signed at Paris between Great Britain, Austria, Russia, and Prussia, styling Napoleon the prisoner of those powers, and confiding his safeguard particularly to the British government. June 10, 1817, treaty of Paris between Great Britain, France, Spain, Russia, and Prussia, confirming the treaties of Chaumont, as well as those of Vienna.

PARIS, MATTHEW, a British historian of considerable eminence, was a monk of St. Alban's. He died in the monastery of St. Alban's in 1259. He bore an excellent moral character; and, as an historian, is remarkable for integrity.

PARISH, the precinct of a parochial church. Of the first division of parishes in this sense, there is no certain information; but in the early ages of christianity, parishes signified the same that a diocese now does. Camden says England was divided into parishes by archbishop Honorius, about 630, and the distinction occurs in the laws of King Edgar, about 970. Camden, about 1700, reckons 9284 parishes in England. In 1835 England and Wales contained 11,077 and Ireland 2450.

PARISH CLERKS' COMPANY, London, incorporated 1232.

PARK, REV. JOHN, author of the Hebrew and Greek lexicons, died 1812.

PARK, SIR JAMES ALLAN, one of the judges of the court of common pleas, died Dec. 8, 1838, in his 76th year.

PARK, MUNGO, the African traveller, was born near Selkirk, Scotland, September 10, 1771. In 1790 he repaired to London, and was introduced to Sir Joseph Banks, who recommended him to the members of the African Association, as a fit person to undertake a journey to the interior of Africa. He undertook his first voyage in 1795. After innumerable hardships and privations, and an absence of more than two years and a half, he arrived in England in December, 1797. In January, 1805, he undertook a second expedition marked with as many painful and disastrous circumstances as the former, and which terminated his life. By the following November, he had reached the banks of the Niger. His last letter was dated the 19th of that month, when he was committed, in a nearly defenceless

state, to the river, to the Moors, and to the immensity and perils of an unknown region, where he perished at the end of the same year.

PARK, THOMAS, editor of "Walpole's Royal and Noble Authors," died Nov. 26, 1834, aged 78.

PARKES, SAMUEL, the author of "Chemical Catechism," born 1761, died 1816.

PARKHURST, REV. JOHN, author of Greek and Hebrew lexicons, born 1728, died Feb. 21, 1797.

PARLIAMENT, a grand assembly, or convention, of the three states of the kingdom. Parliaments began in some form under the Saxon government. There are instances of their assembling to order the affairs of the kingdom so early as the reign of Ina, king of the West Saxons, Offa, king of the Mercians, and Ethelbert, king of Kent, in the several realms of the heptarchy. King Alfred ordered, for a perpetual usage, that these councils should meet twice in the year, or oftener if needful. The word parliament was first applied to general assemblies of the state under Louis VIII. of France, about the middle of the

12th century. The first mention of the name in our statute law is in the preamble to the statute of West. 1.3 Edw. I. 1272.

The constitution of the house of commons has subsisted, in fact, from 1265 (49 Hen. III.) there being still extant writs of that date, to summon knights, citizens, and burgesses to parliament. Since then it has undergone several changes. A bill passed for triennial parliaments, November 1694; the first British parliament met October 24, 1707; triennial act repealed, May 1, 1716; act passed for septennial ones 1716; the first imperial parliament met 1801.

PARLIAMENTARY REFORM, motion lost in the house of commons 1830; first reform bill brought in March 1, 1831; second reading of the reform bill, carried by a majority of one, March 24; reform bill lost on Gascoigne's amendment, April 20, 1831; thrown out of the lords, Oct. 7; reform act passed 1832. See REFORM ACT.

Proportion of members sent to parliament by the counties, cities, boroughs, &c., according to the reform act, passed 1832:—

England...	{	26 counties, 4 members each; 7 counties 3 members each; Yorkshire, 6 members; Isle of Wight, 1....	144	}	471
		133 cities and boroughs, 2 members each.....	266		
		53 boroughs, 1 member each	53		
		London.....	4		
		Universities of Oxford and Cambridge, 2 members each	4		
Wales'.....	{	3 counties, 2 members each; 9 counties, 1 member each.....	15	}	29
		14 districts of boroughs, 1 member each	14		
Scotland ..	{	33 counties	30	}	53
		Edinburgh and Glasgow, 2 members each.....	4		
		18 boroughs and districts of boroughs.....	19		
Ireland.....	{	32 counties, 2 members each.....	64	}	105
		6 counties, 2 members each; 27 boroughs, 1 member each.....	39		
		The University of Dublin, 2 members.....	2		

PARLIAMENT, HOUSES OF, burnt down October 16, 1834. In this conflagration were destroyed nearly all the various offices, the old painted chamber, associated with a thousand historical reminiscences, &c. In less than half an hour from the first discovery of the flames, the whole interior of the building from the ground-floor to the roof, presented through the numerous windows with which it was studded, one entire mass of fire. The libraries and state-papers, with much other valuable

property in the houses of lords and commons, as well as in the official residence of the speaker, were preserved; but both the houses were completely ruined, with the exception, in the lords, of the library and adjoining rooms, with some offices and committee-rooms; and, in the commons, of four committee-rooms, which admit of being repaired. The speaker's house was partly destroyed, and the remainder much damaged. The most probable explanation of this disastrous conflagration was,

that the fire originated from the flues used for warming the house of lords having been unusually heated, by a large fire made by the burning of the old wooden exchequer tallies, which had been improperly entrusted by the clerk of the works to a workman named Cross.

NEW HOUSES OF PARLIAMENT. The first contracts for the commencement of the works were entered into, September, 1837. They comprehend the formation of an embankment, 886 feet in length, projecting into the river 98 feet; the front in a line with the inner side of the third pier of Westminster-bridge, in four feet of water at low-water; the whole surrounded by a river wall, 30 feet high from the base, and 1141 feet in length, with a curvilinear batten, and faced with granite; a terrace 673 feet long next the river, and 35 feet wide, is formed in the front of the new houses, with an esplanade at each end 100 feet square, and landing stairs from the river 12 feet wide.

PARMA, city, Italy, capital of the duchy of the same name, was founded by the ancient Etrurians, but was seized by the Gauls, and afterwards by the Romans. On the decline of the Roman power, it asserted its independence, but being torn by factions, it fell into the hands of the popes, and was given by Paul III. to his son, Luigi Farnese, whose descendants continued to govern it till the extinction of the male line. In 1714 Elizabeth Farnese married Philip V. of Spain, and her son, Don Carlos, took possession of it in 1731. Four years afterwards, the duchy was ceded to the emperor of Austria, who governed it till 1748, when it was ceded to Don Philip II. son of Philip and Elizabeth. In 1801 the duke of Parma, was raised to the throne of Tuscany, under the title of Etruria, but Buonaparte united it to France. In 1814 Parma and Placenza were ceded to the ex-empress, Maria-Louisa, devolving, on her death, to Austria and Sardinia; but subsequent arrangements have decreed that this territory shall eventually devolve on Spain.

1831. An insurrection broke out at Parma, Modena, &c., February 10. A deputation of insurgents waited on the duchess, and informed her it was necessary she should withdraw. Her highness refused; and after some demonstrations of the insurgents, a provisional

government was formed. At length the insurrection was suppressed by an Austrian force. The governments of Modena and Parma were restored. The duchess of Parma granted a free pardon to all the persons who had appointed the provisional government; only excluding them for three years, from public offices.

PARNELL, REV. THOMAS, author of the "Hermit," &c., died 1718.

PAROCHIAL ASSESSMENT. See **POOR LAWS.**

PAROS, island, kingdom of Greece; anciently owed its celebrity to its marble, remarkable for its whiteness and hardness. The Apollo Belvidere, Venus de Medicis, and other celebrated statues are sculptured of it. Antiquities are scattered over the island, and the Arundelian marbles were brought from hence, and presented to the university of Oxford in 1667. See **ARUNDELIAN MARBLES.**

PARR, CATHERINE, married to Henry VIII., 1543, afterwards the wife of Sir Thomas Seymour, lord high admiral, died Sept. 1548.

PARR, SAMUEL, one of the most celebrated literary characters of the present day, was born at Harrow-on-the-Hill, in January, 1747. In 1752 he was sent to the free school at Harrow, and entered at Emanuel College, Cambridge, in 1765. In 1768 he was ordained by the bishop of London. In 1780 he was preferred to the rectory of Asterby, in the diocese of Lincoln; which he afterwards exchanged for the perpetual curacy of Hatton, in Warwickshire. In addition to this, he obtained a prebend in St. Paul's, and the wealthy living of Graffham, in Huntingdonshire. Towards the close of 1824 his health began to decline; and after a long and protracted illness, he died Feb. 26, 1825, in his 78th year.

PARR, THOMAS, a remarkable instance of longevity; he lived in the reign of 10 kings and queens. He was born at Alderbury, Salop, in 1483. In 1634 he was brought to London, and introduced at court to King Charles I., as a prodigy; but the change of air and new mode of living, occasioned his death in the same year, aged 152.

PARRY, J. H., a writer of Welsh biography, died Feb. 12, 1825.

PARTHIA, anciently an extensive empire of Asia, afterwards a province of

the Persian empire. Its capital was named Hecatompolis, from the circumstance of its having 100 gates. Parthia was first subject to the Medes, then to the Persians, and afterwards to Alexander the Great. After his death the province fell to Seleucus-Nicator, and was held by him and his successors till the reign of Antiochus Theus, about A.C. 250, when the kingdom of Parthia began under Arsaces. From this prince all the other kings of Parthia took the surname of Arsaces. The Parthian conquests in Armenia, about A.C. 70, brought them acquainted with the Romans; and they generally lost ground in Armenia and Mesopotamia, during the time of the Roman emperors. In A.D. 245 Persis, or Persia Proper, which had for some ages ranked as a province of Parthia, gained the ascendancy; and, under Artaxerxes, put an end to the dynasty of the Arsacidæ, and restored the ancient name of Persia to the empire, after that of Parthia had existed nearly 500 years.

PASCAL, BLAISE, an eminent mathematician and philosopher of France, was born at Clermont, in Auvergne, in 1623. When about 23 years old, having seen Torricelli's experiments respecting a vacuum and the weight of air, he ascertained the fact of the general pressure of the atmosphere, and composed a large treatise, in which he fully explained the subject. Incessant application at length occasioned the loss of health; in 1647 he was seized with a paralysis; and in 1654, having gone to take an airing on the Pont de Neuilly in a coach and four, the horses suddenly took fright, and he narrowly escaped a sudden and violent death. From this time he determined to employ his remaining days in religious meditation; for this purpose he entered a monastic institution at Port Royal. In the disputes between the Jesuits and Jansenists, he became a partisan of the latter, and wrote his celebrated "Provincial Letters," published in 1656; but his bodily infirmities became severe, and he expired Aug. 19, 1672.

PASHA, one of the largest steam vessels ever built in England, was launched at Limehouse, May 7, 1834; length 211 feet, six inches; breadth 56 feet; depth 32 feet 6 inches; burden nearly equal to that of a 74 gun-ship; two engines, each of 120 horse power.

PASSAGE BOAT, lost on the Frith of Dornoch, by which 40 out of 127 pas-

sengers were drowned, Aug. 13, 1809. Another on the Ardrossan canal, between Paisley and Johnstone, heeled on one side, and precipitated 100 persons into the water, of which 84 were drowned, Nov. 10, 1810.

PASSAU, town, kingdom of Bavaria. In 1552 was concluded here the peace which is considered by all German protestants as the charter of their liberties.

PASSOVER, instituted on Monday, May 4, A.C. 1491, celebrated in the New Temple, April 18, A.C. 515.

PATAGONIA, country, South America, was discovered in 1519, by Ferdinand Magellan, who passed through the narrow sea that separates it from Terra del Fuego, called after him the Straits of Magellan.

PATENTS granted for titles, first used 1344; first granted for the exclusive privilege of publishing books, 1591.

PATNA, city, Hindoostan, capital of the province of Bahar, on the southern banks of the Ganges. Here are the remains of a British factory, where a dreadful massacre of 200 prisoners was perpetrated in 1763, by the German adventurer, Sormo, then in the service of Meer Cossin; immediately after which the city was captured by the British troops under Major Adams, and has ever since remained in their possession.

PATRAS, a seaport town, Greece, north-west of Morea. After the Greek war it surrendered, by capitulation, to a detachment of the French army, under General Schneider, Oct. 5, 1828. Since the establishment of the kingdom, Patras has a more extensive trade than any other port of Greece. The exports of currants from thence, at an average of three years, ending with 1831, amounted to about 50,000 cwt. a year, worth about £33,000.

PATRICK, St., the apostle and tutelary saint of Ireland, was born in 373 at Kirkpatrick, near Dumbarton, Scotland. Pope Celestine having consecrated him bishop, and given him a commission to convert the Irish, he landed in the country of the Evolein, or at Wicklow, in 441. His first convert was Sinell, eighth in descent from Cormac, king of Leinster. After labouring several years indefatigably in his great work, he visited the Isle of Man, which he converted in 440, when the bishopric was founded; and in 448 returned to Ireland. He spent the remainder of his life between the monas-

teries of Armagh and Saul, superintending and enforcing the great plan of doctrine and discipline which he had established. After having instituted schools, he closed his life and ministry at Saul Abbey, in the 120th year of his age, 493.

PATRICK, Sr., benevolent Society of, instituted 1783. The 52d anniversary was celebrated at the Freemasons' Tavern, Great Queen-street, March 4, 1835. There were about 300 noblemen and gentlemen assembled; the subscriptions amounted to £1185 3s.

PATRICK, SIMON, a learned English prelate, was born at Gainsborough, in Lincolnshire, in 1626. In 1644 he was admitted into Queen's College, Cambridge, and entered into holy orders. In 1678 he was presented to the deaconry of Peterborough; in 1689 he was nominated to fill the vacant see of Chichester. In 1691 he was translated to the see of Ely, and died there in 1707, in the 81st year of his age. His works were numerous, among which the most distinguished are his "Paraphrases and Commentaries on the Holy Scriptures," in three volumes folio.

PATTEN MAKERS' COMPANY, London, incorporated 1670.

PAUL, Sr., converted 33, wrote his epistles between 51 and 66; he died in the year 67.

PAUL, Sr., order of knighthood begun at Rome 1540.

PAUL, FATHER, or PETER SARPI, a monk of the 16th century, celebrated for his opposition to the Roman see, was born at Venice, Aug. 14, 1552. The most active part of his life began about 1615; when Pope Paul V., exasperated by some decrees of the senate of Venice, laid the whole state under an interdict. On this occasion Father Paul was distinguished by his defence of the rights of the supreme magistrate. In consequence of this, several attempts upon his life obliged him to confine himself to his convent, where he was engaged in writing the "History of the Council of Trent." In this and other works he spent the remaining part of his life. He died in 1623, in the 71st year of his age. "He was hated by the Romans as their most formidable enemy, and honoured by all the learned for his abilities, and by the good for his integrity."

PAULINUS, PONTIUS MEROPIUS, a celebrated prelate and ecclesiastical writer in the fifth century, born at Bour-

deaux in 353, was baptized by Delphinus, bishop of Bourdeaux, in 391. In 409 he was ordained bishop of Nola. He died in 431, in his 78th year.

PAULINUS, who flourished in the eighth century, was honoured by the Catholics with the title of saint. The emperor Charlemagne, in 776, promoted him to the patriarchate of Aquileia. He became celebrated as a writer in defence of the Trinity.

PAULINUS, called the apostle of Yorkshire, an English bishop, who flourished in the early part of the seventh century. He was the first archbishop of York about 626. He built a church at Almondbury, and dedicated it to St. Alban, where he preached to and converted the Brigantes.

PAULO, or POLO, MARCO, the Venetian traveller and historian, born about 1255. Having learned the different dialects of Tartary, he was employed in embassies which gave him the opportunity of traversing Tartary, China, and other eastern countries, and he returned in 1295. A short time after, serving his country at sea against the Genoese, his galley, in a great naval engagement, was sunk, and himself taken prisoner and carried to Genoa, where he composed the history of his voyages, which appeared at Venice in 8vo., 1496.

PAUL'S, Sr., cathedral, London, built on the foundation of an old temple of Diana, 610; burnt 964; rebuilt 1240; having been 150 years building; the steeple fired by lightning 1443; church rebuilt, having been in great part burnt down 1631; totally destroyed by fire 1666; first stone of the present building laid 1675; finished 1710, and cost £1,000,000; first service performed December 2, 1697. The ball and cross renewed 1823. The iron balustrade round the churchyard extends three furlongs and one-fifth.

PAUL'S, Sr., SCHOOL, built 1510; rebuilt 1825.

PAUSANIAS, a learned Greek historian, who flourished in the second century, under the reign of Antoninus the philosopher. He declaimed both at Athens and Rome, in which last-named city he died at an advanced age. He wrote an excellent description of Greece, in ten books.

PAVEMENT. The first act of parliament to regulate pavement, passed in 1762; prior to this, each inhabitant paved before his own door, with

any material he chose to select. Wood pavement for roads introduced 1838.

PAVIA (ancient Ticinum or Papia), town, Austrian Italy. The university is said to be the most ancient in Europe, having been founded by Charlemagne in 791. In 1525 Francis I. was made prisoner by the imperialists, in a battle fought near this place. The town was afterwards taken by the imperialists; but after 60 years, restored to the French, who kept it till 1814, when it fell under the Austrian dominion.

PAWNBROKERS. The practice of advancing money to the poor, either with or without interest, was occasionally followed in antiquity. But the first public establishments were founded in Italy, under the name of Monti di Pietà, in the 14th and 15th centuries. From Italy these gradually spread over the continent. The Mont de Piété, in Paris, was established by a royal ordinance in 1777; and after being destroyed by the Revolution, was again opened in 1797. The Mont de Piété receives annually about 1,200,000 articles, upon which it advances upwards of 20,000,000 francs; it has generally about 650,000 articles in its possession.

The first law in England in relation to pawnbrokers was 30 Geo. II. c. 24, amended by 25 Geo. III. c. 48, 1785; but the act 39 and 40 Geo. III. c. 99, contains the latest and most complete regulations on the subject. By this statute, every person exercising the trade of a pawnbroker must take out a licence, renewable annually, ten days at least before the end of the year, for which he shall pay, within the cities of London and Westminster, and the limits of the twopenny post, £15, and everywhere else £7 10s., &c. The number of pawnbrokers licensed in the metropolis and in the country in the year ending January 5, 1830, was as follows:—London: rate £15, 295; rate £7 10s., 7. The country: rate £15, 4; rate £7 10s., 1038.

PEARLS were in the highest possible estimation in ancient Rome, and bore an enormous price. One of the most remarkable pearls of which we have any authentic account was bought by Tavernier, at Catifa, in Arabia, a fishery famous in the days of Pliny, for the enormous sum of £110,000. The pearl oyster is fished in various parts of the world, particularly on the west coast of Ceylon; at Tuticoreen, in the province of Tinne-

velley, on the coast of Coromandel; at the Bahrein Islands, in the gulf of Persia; at the Sooloo Islands; off the coast of Algiers; off St. Margarita, or Pearl Islands in the West Indies, and other places on the coast of Colombia; and in the Bay of Panama, in the South Sea. Pearls have sometimes been found on the Scotch coast, and in various other places. The pearl fisheries on the coast of Colombia were, at one time, of very great value. In 1587 upwards of 697 lbs. of pearls are said to have been imported into Seville. Phillip II. had one from St. Margarita, which weighed 250 carats, and was valued at 150,000 dollars. But for many years past the Colombian pearl fisheries have been of comparatively little importance. In 1825 two joint stock companies were formed; one on a large scale for prosecuting the pearl fisheries on the coast of Colombia; and another on a smaller scale, for prosecuting it in the Bay of Panama and the Pacific. Both were abandoned in 1826.

PECKHAM, JOHN, archbishop of Canterbury, the first writer on perspective, 1279.

PEDESTRIANS, REMARKABLE. Powell, a lawyer, walked from London to York, and back again, in six days, being a distance of above 402 miles, Nov. 1773. Again, when at the age of 57, June 1788. Captain Barclay, at Newmarket, walked 1000 miles in 1000 successive hours, walking one mile only in each hour, April 1809. Thomas Standen completed a more arduous task, by walking 1100 miles in as many successive hours, July 1811. Baker, of Rochester, performed $1001\frac{3}{4}$ miles in 20 days, Nov. 20, 1815. Eaton completed the task of walking 1100 miles in 1100 successive hours, walking a mile in each hour, upon Blackheath, Dec. 17, 1815.

PEDRO, DON, eldest son of John VI. of Portugal, was elected emperor of Brazil, Oct. 12, 1822; abdicated April 7, 1831; landed on the shores of Portugal, July 8, 1832; was appointed regent Aug. 28, 1834; died Sept. 22, the same year. See BRAZIL and PORTUGAL.

PEEL CASTLE, in the Isle of Man, built before 1245.

PEEL CASTLE, Lancashire, built 1140.

PEEL, SIR ROBERT, father of the ex-premier, was born at Peel's-cross, near Lancaster, April 25, 1750, and was

brought up to the cotton trade. In 1780 he published a pamphlet entitled, "The National Debt productive of National Prosperity," which laid him open to criticism. He was created a baronet by patent, dated Nov. 29, 1800. He died May 3, 1830, aged 80.

PEGU, or BEGU, in the 16th century a kingdom in India, beyond the Ganges, but since the middle of the 17th century, a province of the Burmese empire. Pegu produces abundance of teak timber, and so early as 1707, the Arabs of Muscat were accustomed to build teak ships here. For procuring this valuable timber, a great intercourse has always subsisted between Pegu and the British provinces; and a garrison was stationed at Rangoon, an important port of Pegu. The capital city of Pegu was nearly destroyed at its capture by the Burman emperor, Alompra, in 1757: he caused parts of the walls to be levelled, and the houses to be destroyed. After the Burmese war in 1826, Rangoon was evacuated by the British garrison, and the place delivered over to the Burmese authorities. Immediately after this the Peguers revolted, and commenced hostilities against their former masters, but were defeated with great slaughter.

PEKIN, or PEKING, city, China, and capital of the whole empire. By early travellers it is mentioned under the name of Cambalu, built by the Tartar monarchs, adjacent to the Chinese city of Taydu, about three centuries ago. An earthquake, which happened here in 1731, buried above 100,000 persons in the ruins of the houses which were thrown down.

PELAGIANS, a sect who appeared in the Christian church about the end of the fourth or beginning of the fifth century. They derived their name from Pelagius, called also Morgan, a monk of Bangor. His heresy made such rapid progress, that it attracted the attention of the Roman see. Pelagius, to avoid the danger which threatened him, in 409 passed over to Sicily. His followers were condemned by the council of Ephesus in 431; and the Gauls, Britons, and Africans, by their councils, and emperors by their edicts and penal laws, demolished this sect in its infancy.

PELHAM, HENRY, English statesman, died 1754, aged 60.

PELICAN, the vessel in which Drake circumnavigated the globe, 1577—1580,

of the relics of which a chair was made; and presented to the University of Oxford, and still preserved.

PELLEW, SIR EDWARD. See EXMOUTH.

PELLEW, ADMIRAL SIR ISRAEL, brother to Lord Exmouth, a brave and judicious naval officer, born 1761, died 1832.

PELLEW, or PELEW ISLANDS, in the Pacific Ocean, between the Philippine and Caroline islands. The jesuits of Manilla, in the Philippines, endeavoured in 1696 to reduce these islands, and effected a landing in 1710. Those who landed were never more heard of. In 1783 Captain Wilson, commander of the Antelope packet, in the service of the East India Company, was wrecked on this coast. The king entertained so great an esteem for Captain Wilson, that he entrusted his son, Prince Lee Boo, to his care, who died of the small-pox at Captain Wilson's house, in London, in 1784. In return for the kindness shown by the prince of Pellew to the crew of the Antelope in 1791, the East India Company sent him a present of cattle which had greatly increased in 1802, with the exception of the sheep, which had failed. At that time several Europeans resided on the islands, for the purpose of collecting biche de mar, &c.

PELOPONNESIAN WAR began A.C. 431; ended by the taking of Athens 404.

PELOPONNESUS. See MOREA.

PEMBROKE, South Wales, is of great antiquity, was anciently fortified and protected by a magnificent castle, founded in 1092, by Arnulph De Montgomery, son of the earl of Shrewsbury. During the wars with the Welsh it was frequently besieged, but owing to its great artificial strength, and almost impregnable natural position it resisted successfully nearly all the efforts of the assailants to reduce it. Oliver Cromwell, however, besieged it in person, and compelled its garrison to surrender. In one of its apartments Henry VII. was born.

PEMBROKESHIRE formed part of the kingdom of Demetia, or Dyvet, which subsisted as an independent monarchy till conquered by Ethelwolf, knig of England. In the time of the Danish incursions, this county suffered more injury than any other in the principality. During the civil wars in

the reign of Charles I., several of its castles, particularly those of Pembroke and Roch, were garrisoned for the king, and withstood long and obstinate sieges in the royal cause. So late as 1797, Fishguard is rendered memorable by the landing of a French force of 1400 men in its immediate vicinity.

PENANCE first enjoined as a punishment 157.

PENDRAGON CASTLE, Westmoreland, destroyed 1341; repaired 1660.

PENDULUM. The first notion of measuring time by means of the vibrations of a pendulum has been ascribed to Galileo, about 1649. Christian Huygens contested the priority of this discovery, and made a pendulum clock before 1658. He proved, in a satisfactory manner, that if the centre of motion were perfectly fixed, and all friction, resistance of the air, &c. perfectly removed, then the pendulum, being set in motion, would continue to vibrate for ever; and all its vibrations would be perfectly isochronal; that is, they would all be performed in equal times. The compensation pendulum, in which the rod consists of two or more wires with other apparatus, so connected as to remedy the inconveniences of expansion and contraction, by heat and cold, was one of the most important improvements of the 18th century. These were of several kinds; the three following were the principal:—The mercurial pendulum, invented by Mr. Graham, about 1715; the gridiron pendulum, invented by Mr. John Harrison about 1725, and employed by him in the construction of his time-keeper; and the lever pendulum first employed about 1737, the invention of which is ascribed to Mr. Graham. See CHRONOMETER.

Numerous other modifications of the compensation pendulum have been made. The following is one of the most recent:—Frodsham's, described in the Proceedings of the British Association, 1839. It is an ordinary pendulum, with a steel rod; over this, Mr. Frodsham slips a zinc tube, which passes through a brass bob, and rests on the adjoining screw of the lower end of the rod. As the steel rod expands downwards, and is lengthened by heat, the zinc tube expands upwards in the same degree; and, therefore, if the length of the rod and the tube be rightly proportioned, the pendulum may be regarded as of invariable length.

PENITENTIARY HOUSE, Milbank for the imprisonment of convicts. The act for its erection passed in 1812; convicts were removed into it, June, 1816. From the report of 1828, it appears that on December 31, 1827, there were 471 male prisoners, and that 177 had been received during the year. The earnings of the prisoners during the year were valued at £4191 13s. 6d. The net prison expenses at £19,194 10s. 8d. The act 7 Will. IV. c. 13, June 8, 1837, empowers his majesty to direct the removal to Milbank of any person imprisoned in any place within Great Britain under sentence of any court for any offence, there to remain under such sentence, or until further orders shall be given.

PENN, SIR WILLIAM, brave English admiral, born 1621, died 1670.

PENN, WILLIAM, founder of Pennsylvania, the son of the preceding, was born in London in 1644. About 1668 he became a public preacher among the Quakers; and that year was committed close prisoner to the Tower, where he wrote several treatises. Being discharged after seven months' imprisonment, he went to Ireland, where he also preached among the Quakers. Returning to England, he was in 1670 committed to Newgate, for preaching, and suffered various other persecutions. In 1681 King Charles II., in consideration of the services of Mr. Penn's father, and several debts due to him from the crown, granted Mr. Penn and his heirs, the province lying on the west side of the river Delaware in North America, which from thence obtained the name of PENNSYLVANIA, which see. He died July, 1718.

PENNANT, THOMAS, an eminent tourist and naturalist, was born in Flintshire, North Wales, about 1726. In 1754 he was elected a fellow of the Society of Antiquaries. He began, in 1761, to prepare his "British Zoology," which he afterwards published for the benefit of the Welsh charity-school in London. In 1767 he was elected fellow of the Royal Society, and from this time published several valuable works. He died in 1798, in his 72d year.

PENNSYLVANIA, one of the United States of N. America, granted by Charles II. to William Penn, by patent, dated March 4, 1681. In 1682 William Penn, together with about 2000 settlers, most of whom, like himself, belonged to the Society of Friends, arrived in the country;

and in the following year he laid out the plan of the city of Philadelphia. He established a friendly intercourse with the Indians, which was not interrupted for more than 70 years. The first constitution of Pennsylvania was adopted in 1776; the present constitution in 1790, by which the legislative power is vested in a general assembly, consisting of a senate and house of representatives.

PENNY-PIECES, and twopenny, of copper, first coined in England 1797.

PENROSE, THOMAS, poet, born 1743, died 1779.

PENSACOLA, the capital of West Florida, United States, was discovered by Sebastian Cabot in 1497, was established by the French, and ceded to Great Britain in 1763. In 1781 it was reduced by the Spaniards under Don Bernardo Galvez, and with the whole province was confirmed to the Spaniards by the treaty of 1783, and finally transferred to the United States, 1821.

PENSION of £20 granted to a lady for national services, 1514; another, £6 13s. 4d. per annum, 1536; another, £13 6s. 8d. for the maintenance of a gentleman in studying the laws of England, 1558.

PENSIONERS, BAND OF GENTLEMEN, the noblest sort of guard to the sovereign's person, consisted of 40 gentlemen, who received a yearly pension of £100. First instituted by King Henry VII., about 1509.

PENTATEUCH, or the five books of Moses, written A.C. 1452.

PEPPER, early known in Europe as growing in Hither India; black pepper vines discovered in Jamaica in 1793.

PEPUSCH, J. CHRISTOPHER, German musician, born 1667, died 1752.

PEPYS, SAMUEL, naval historian, died 1703.

PERA, a suburb of Constantinople, fire at, in which the hotels of the ambassadors of England, France, and Holland, which belonged to those nations, and the residences hired by the ministers of Russia, Prussia, Sardinia, and Naples, together with a number of churches, and 5000 houses, fell a prey to the flames, Aug. 2, 1831.

PERCEVAL, SPENCER, prime minister of England, assassinated in the lobby of the house of commons, by John Bellingham, May 11, 1812.

PERCEVAL, THOMAS, M.D., author

of the "Father's Instructions," &c., died 1804.

PERCY, DR., bishop of Dromore, in Ireland, author of "Relics of Ancient Poetry," died Oct. 1, 1811.

PERCY, HENRY, earl of Northumberland, last male heir of that family, died 1669.

PERE LA CHAISE, building, Paris, laid out as a public cemetery in 1804. It was formerly the chief seat of the Jesuits' establishment in France, and was presided over by Père La Chaise, confessor of Louis XIV.

PERGAMUS, anciently a small kingdom of Asia, formed out of the ruins of the empire of Alexander the Great, commenced about A.C. 283. Attalus III., the last king, at his death, left the Roman people heirs of all his goods; upon which they seized on the kingdom, and reduced it to a province of their empire by the name of Asia Proper, A.C. 133. The country remained subject to the Romans while their empire lasted, but is now in the hands of the Turks.

PERICLES, one of the greatest statesmen of ancient Greece, was born at Athens; and after the death of Cimon, was raised to the supreme authority. He made himself master of Eubœa A.C. 447, and soon after concluded a truce of thirty years with the Lacedæmonians. In 432 began the memorable plague of Athens, which carried off his eldest son, Xantippus, and his sister. He died in 429.

PERIGAPATAM, town, Hindoostan, province Mysore. In the Mysore war, the army of Tippoo Saib was defeated in the neighbourhood of this place by the British, under General Stuart. Here was formerly a strong fort, but it was destroyed by order of Tippoo.

PERIPATETIC PHILOSOPHY, a system of philosophy introduced among the Athenians in the early part of the fourth century before Christ. This name was given them, as some assert, because they received the philosopher's lectures, not in a sitting or reclining posture, but walking. This philosophy was introduced into Germany A.D. 1144.

PERJURY, the crime of swearing falsely, in some judicial proceeding, was anciently death; afterwards banishment, or cutting out the tongue, then forfeiture of goods. The punishment of the pillory was first inflicted by statute 5 Eliz. c. 9, 1563.

PERNAMBUCO, province, empire of Brazil. There was a revolutionary insurrection in this province, in March 1817.

PEROUSE, J. F. G. DE LA, a celebrated but unfortunate French navigator, was born at Toulouse in 1741. With two frigates he sailed from Brest in August, 1785, on his voyage of discovery. They proceeded round Cape Horn into the South Sea, and in February, 1786, cast anchor in the bay of Conception, on the coast of Chili. They arrived at the Navigators' islands in December, where they were attacked by the natives, and M. de Langle and eleven of his men lost their lives. Quitting this place without any attempts at vengeance, Perouse proceeded to New Holland, and arrived in Botany Bay in January, 1788; and here terminates all that is known of the voyage of this navigator. The *Research*, Captain Dillon, sent out by the East India Company, arrived at Calcutta, April 7, 1828, after ascertaining the loss of the French ships, commanded by De La Perouse. The *Research* had found and brought to Calcutta various articles of the wrecks of these vessels.

PERRAULT, CHARLES, French writer, born 1628, died 1703.

PERRAULT, CLAUDE, architect, born 1613, died 1688.

PERRIER, M. CASIMIR, prime minister of France, died of cholera morbus, May 16, 1832, aged 54.

PERROU, ANQUETIL DU, French orientalist, died Oct. 30, 1805.

PERSECUTIONS of the primitive christians. The first was under Nero, 64; under Domitian, 93; under Trajan, 107; under Adrian, 118; under Marcus Aurelius, 164; under Severus, 202; under Maximus, 235; under Decius, 250; under Valerian, 257; under Aurelian, 272; under Diocletian, 302; by the Arians, under Constantius, 337; under Sapor, 340; under Julian, the apostate, 361.

PERSECUTIONS of the protestants by the papists. In Franconia 50,000 of Luther's followers were killed by William de Furstemburg, 1525. In England, when Cranmer, archbishop of Canterbury, and above 300 protestants were burnt, and great numbers perished in prison, 1556. Of the Protestants in France, on St. Bartholomew's day, &c., 1572. See **MASSACRE**, p. 638. Also again in 1723, when great numbers were hanged, their assemblies prohibited, their places of worship pulled down, &c.

PERSIA, an ancient and extensive empire of Asia, the limits of which have varied greatly according to the vicissitudes of conquest or revolution, though it has been a monarchy for above 2000 years. Cyrus founded the empire A.C. 557, which lasted about two centuries under a race of kings, among whom were Darius Hystaspes, who was elected king A.C. 522; Xerxes, who ascended the throne A.C. 485; Artaxerxes, supposed by some to be the Ahasuerus of Scripture, A.C. 464. The kingdom having sunk into the imbecility common to eastern nations, yielded after a very feeble struggle, to Alexander the Great, A.C. 333, when that prince pushed his conquests over the whole of Western Asia. After his death his dominions were divided, but the Greek princes continued to rule over Asia, Seleucus holding the whole of modern Persia. Artaxerxes, about A.C. 200, asserted the independence of his country, and founded the monarchy of the Parthians, which lasted several centuries. See **PARTHIA**.

Early in the third century, A.D. an internal convulsion placed the dynasty of the Sassanides on the throne, and restored the name as well as the laws of ancient Persia, till the Mahomedan invaders succeeded in placing a descendant of the prophet on the throne of Cyrus. Some centuries afterwards, the successive invasions by the descendants of Genghis Khan, by Timur, and by the Turks, changed the face of Western Asia; and Persia being the chief seat of war, suffered deplorably. In 1506 a native dynasty arose; Shah Abbas raised himself from obscurity to the throne, delivered his country from a foreign yoke, and extended its limits on all sides. His reign forms the most brilliant era in the history of Persia; for, though ambitious and even sanguinary, he caused justice to be strictly administered, maintained internal peace, and promoted every species of improvement.

In the beginning of the last century, Persia was overrun by the Afghans, who carried devastation through its whole extent, and reduced its capital to ashes. These atrocities were revenged, and the independence of Persia vindicated by Nadir Shah; but though the victories of this chief threw a lustre upon his country, his death, in 1747, left it a prey to civil war, till the fortune of arms established the right of Kurreem Khan.

Similar disputes arose after his death in 1779, till Aga Mahommed, a eunuch, raised himself to the throne in 1796, and not only filled it during his life, but left it in peace to his nephew, the late sovereign, who assumed the title of Futteh Ali Shah.

During his reign, although he had severe contests to maintain with the Russians in 1827 and 1828, who wrested from Persia extensive provinces, internal peace was preserved, and considerable exertions were made to improve the condition of the country. Attempts were also made, particularly under the auspices of his third son, Prince Abbas Meerza, to introduce European improvements. In 1827 hostilities commenced with Russia; Erivan was besieged and taken by the Russians. In 1828 preliminaries of peace were signed, but the Shah refused to ratify them. At length peace was concluded between Russia and Persia, at Turkoman Ischan, Feb. 22; by this treaty the provinces of Erivan and Nakhetchevan were ceded by Persia, and afterwards by an ukase of the emperor Nicholas, annexed to the Russian empire by the title of the province of Armenia.

1835. Intelligence arrived of the death of Futteh Ali Shah. After a contest among his sons respecting the succession, Mohammed Mirza, who had been nominated by the late deceased king as his successor, was maintained on the throne. Persia was at first implicated in the late disputes between this country and India, in 1838 and 1839; but has latterly assumed a more peaceable character. See CABOOL.

PERSIUS, FLACCUS, a Latin poet, in the reign of Nero, author of "Satires," was born at Volterra, in Tuscany, in 34. At the age of 15 he removed to Rome, where he studied philosophy under Cornutus, the celebrated stoic. He died at the early age of 30. As a poet, Persius is only known by his "Six Satires," which were in high reputation among his countrymen.

PERSPECTIVE, a branch of mixed mathematics, teaching correctly how to delineate visible objects on a plane surface. Agatharchus, a painter of Athens, who flourished A.C. 470, was the earliest writer on this subject; the principles were afterwards taught more distinctly by Anaxagoras, A.C. 420, and by Democritus, of Abdera, A.C. 348. After these,

Euclid wrote a treatise on the subject, A.C. 300. The art fell into disuse with the decline of painting and sculpture, after the subversion of the eastern empire, but was revived by Bartholomo Bramantino and Pietro Del Borgo, about 1440, and the principles fully laid down in two treatises, by Dr. Brook Taylor, secretary to the Royal Society, published in 1715 and 1719. The more modern treatises are those of Ferguson, Emerson, Nicholson, &c.

PERTH, royal burgh, Scotland. The Picts, after their conversion to Christianity, erected a church here, and dedicated it to St. John the Baptist. About 1210 it was strongly fortified, and was regarded as the capital city of the kingdom of Scotland; it now ranks next in importance to Edinburgh and Glasgow, and was formerly the usual residence of the Scottish kings. Fourteen parliaments were held here between 1201 and 1459. At Perth the reformation of the church of Scotland may be said to have commenced. In 1559, John Knox having preached a sermon in the parish church, the people broke down the altars and images, and then destroyed all the monasteries in the town. In 1715 this town was the head-quarters of the Pretender and the earl of Mar; and on the subsequent attempt to restore the house of Stuart, in 1745, Perth was for some time occupied by the forces of Charles Edward, the young pretender.

PERU, new republic of South America, formerly one of the five viceroyalties while under the Spanish government. When the Spaniards landed in this country in 1530, it was governed by Incas, who were regarded almost as deities by their subjects. The inhabitants were soon subdued by the Spaniards under Pizarro. After his assassination, civil contentions continued till 1562, when Tupac Amaru, the son of Manco Capac, who had taken refuge in the mountains, was attacked by the viceroy Toledo. The Inca was forced to surrender, and was led to the scaffold amidst the tears of the people. The royal authority thus established, continued till 1781, when a descendant of Amaru began an insurrection. After two years of varied success, he was taken prisoner with his family, and all were executed.

After the commencement of the revolution in South America, Peru remained tranquil for some time. In 1809 juntas

were established in La Paz and Quito ; but Peru sent out troops which suppressed them. In 1817 the Peruvian army was compelled to evacuate Chili, and Chili, in return, sent an army into Peru, under General San Martin ; which, in conjunction with Lord Cochrane, succeeded in liberating it from the Spanish yoke in 1821. Since that period Peru has had to contend with much internal discord. For some time the authority of Bolivar, styled the liberator, was the only government ; but, on his leaving, a new republic was formed in 1826, on the model of the other South American states. In 1827 the departments of Cusco and Puno separated themselves from the republic, and joined Bolivia. The city of Arequipa claimed to be declared the capital in place of Lima, and threatened to desert the confederation if its claims were not admitted.

1828. The Peruvian army under Gomarra, attacked Bolivia ; the Peruvians revolted against Bolivar, who, as president of Columbia, declared war against them. A new Peruvian constitution, signed by the president of that republic, March 21. This change overturned the influence of Bolivar in Peru. In 1832 an adjustment of the disputes between Peru and Bolivia took place, and the two governments entered into treaties of amity and commerce.

1836. An assembly of deputies from the southern departments of Peru was held at Sicuani on the 17th March, when the independence of these departments was declared, and a new state formed, called South Peru, composed of the departments of Arequipa, Ayacucho, Cuzco, and Puno. The chief power was intrusted to General Santa Cruz, as "Supreme Protector of South Peru." The northern departments, Junin, Lima, Libertad, and Amazonas, formed themselves into an independent state, under the name of North Peru. Soon after, the two new Peruvian states agreed to form with Bolivia a federative commonwealth, at the head of which, by common consent, was placed General Santa Cruz, who announced this event in a circular, dated August 20.

1837. The constitution of the new Peru-Bolivian republic made its appearance. It gave to each of the three states a separate assembly ; a general congress composed of two chambers was to meet once in two years. On the 5th of June

a treaty of commerce and navigation was executed between the Peru-Bolivian confederation and Great Britain. It provided for "a reciprocal freedom of trade" between the two nations, and was fully calculated to establish on a more satisfactory and equitable footing their commercial relation to each other. By the 14th article the government engaged to co-operate with Great Britain for the total abolition of the slave trade. The same year war with Chili. Chilian expedition against Peru. See CHILI.

1838. Revolution at Lima against General Santa Cruz. Generals Obregoso and Nicto, at the head of the enterprise, proclaimed the independence of Peru, the suppression of the Peru-Bolivian Confederation, and the protectorate of General Santa Cruz. 1839. The protector General Santa Cruz, having been beaten by the Chilians near Yungay, resigned the presidency. March 4. Proclamation of the president (*pro tem.*) of Peru (General Gomarra), dated at Lima, announcing the termination of the war.

PERUGINO, PIETRO, of Perugia, painter (master of Raphael), born 1446, died 1524.

PERUKE. The first used in France, 1620 ; introduced into England, 1660.

PESCHIERA, a town of the Lombardo-Venetian kingdom. The fortress, built by the Venetians in 1549, is small, but strong. Taken from the French, with 90 pieces of cannon, &c., May 6, 1799.

PEST, a city of Hungary. In 1703 it received its grant of privileges as a city ; in 1724 the two courts of appeal were fixed here ; and in 1777 the university was removed hither from Buda.

PESTALOZZI, M., inventor of the Pestalozzian, or interrogative system of education, died 1827.

PETARD, a kind of ordnance in shape of a high-crowned hat. The invention is ascribed to the French Huguenots in 1579.

PETER, ST., wrote his first epistle, 60 ; his second epistle, 65 ; died, as is supposed, by crucifixion, by order of Nero, 76.

PETER I., of Russia, called The Great, was born 1672 ; proclaimed czar when but 10 years of age. In 1698 he sent an embassy to Holland, and went *incognito* in the retinue, in order to learn the art of ship-building. At Amsterdam he worked in the yard as a private ship-carpenter, under the name of Peter

Michaelof. In the same year he came over to England, where he was treated with great attention by King William III. He returned to Holland, taking with him a number of naval officers.

Being strengthened by the alliance of Augustus, king of Poland, about 1700 he took the field against Charles XII., king of Sweden. He afterwards gained considerable advantages, and founded St. Petersburg in 1703. In 1709 he gained a complete victory over the Swedes at Pultava. In 1712 he was enclosed by the Turks on the banks of the Pruth, and seemed inevitably lost, had not the czarina Catherine bribed the grand vizier, and the czar's prudence completed his deliverance. Peter, being at peace, was left to pursue his designs; and in the years 1713 and 1714 he effected a total reduction of Finland; and a victory of the Russian fleet over the Swedish rendered him master of the isle of Oeland. About 1719 a rupture ensued between Russia and England, but a peace was concluded with Sweden, under the mediation of France, in 1721. On this occasion the senate of Russia requested the czar to assume the title of Peter the Great. He died January 28, 1725, in his 53d year.

PETER II., of Russia, married his prime minister's daughter, November 30, 1729. He died of the small-pox, January 19, 1730.

PETER III. was deposed and murdered, July 16, 1762.

PETER BOTTE, mountain, isle of Mauritius. The conical, or rather perpendicular summit was ascended by Captain Lloyd, and Lieutenants Phillipot's, Keppel, and Taylor, Sept. 7, 1833.

PETERBOROUGH, Northamptonshire, was anciently called Peter's Burgh, from the saint to whom the abbey church was dedicated. Peterborough and the whole county in which it is situated were included in the diocese of Lincoln previously to 1541, when Henry VIII. constituted it a new and distinct bishopric, appropriating the conventual church of the then recently suppressed monastery for a cathedral, and appointing the last abbot of Peterborough to be the first bishop.

PETERBOROUGH, EARL OF, one of the great masters of the art of military strategy, born 1658, died 1735.

PETER-PENCE granted 689; first paid to Rome, 790; abolished 1534.

PETER'S, ST., cathedral at Rome, begun 1514, finished 1629.

PETERSBURGH, ST., a city of European Russia, owes its origin to the genius and perseverance of Peter the Great. Previously to the year 1703 its site contained only two small huts; and after the battle of Pultava, in 1709, and the permanent acquisition of Livonia, that monarch assembled on this spot (which he designed to make his capital) a great number of workmen, who built the citadel in a few months. After the erection of the city it suffered frequently from fire and other disasters. It had 2000 houses destroyed by fire August 12, 1736; received damage to the amount of 1,000,000 of roubles by an inundation and storm, September 23, 1777; also to the amount of 2,000,000, by a fire, August 26, 1780; again it had 11,000 houses destroyed by a fire occasioned by lightning, November 28, the same year; and a large magazine of naval stores, and between 90 and 100 vessels in the harbour were destroyed, June 7, 1796.

Notwithstanding these disasters, its commerce and population have yearly increased. In 1703 the first merchant ship that ever appeared on the Neva arrived from Holland, and the czar, to mark his sense of the value of such visitors, treated the captain and crew with the greatest hospitality, and loaded them with presents. In 1714, 16 ships arrived at Petersburg; in 1730 the number had increased to 180; and so rapid has been the progress of commerce and civilization in Russia since that period, that, at present, from 1200 to 1500 ships annually enter and clear out from Petersburg.

PETION, chief of Hayti, defeated with great slaughter, and his flotilla destroyed by Christophe, February 1808. See **HAYTI**, p. 555.

PETIT, PETER, mathematician, born 1598, died 1667.

PETITOT, JOHN, famous for enamel, born at Geneva, 1607, died 1691.

PETRARCH, FRANCIS, one of the most celebrated Italian poets, was born at Arezzo, in Tuscany, about 1304. When about 23 years of age he contracted an intimacy with Jacopo Colonna, afterwards bishop of Lombes; this led to the attachment that he preserved during his whole life to the beautiful Laura, which gave a caste to all his literary productions, and was undoubt-

edly a source of great unhappiness to the poet. After receiving various honours, in 1352, being at Milan, Galeas Visconti made him counsellor of state. Petrarch spent nearly all the rest of his life in visiting the different cities in Italy. He was archdeacon of Parma, and canon of Padua, but never received the order of priesthood. He died at Arcqua, in 1374. He wrote many works that have rendered his memory immortal.

PETRONIUS, ARBITER, a celebrated critic and polite writer of antiquity, the favourite of Nero, by whom he was made proconsul of Bithynia. Being accused of a conspiracy against the emperor, which threatened his life, he ordered his veins to be opened, and bled to death, A.D. 66.

PETTY, SIR WILLIAM, one of the earliest writers on political economy, born 1623, died 1687.

PEVER, THE RIVER, in Gloucestershire, suddenly altered its course, and 10 acres of land, with every thing upon its surface, were removed with the current, 1773.

PEWTERERS' COMPANY, London, incorporated 1474.

PHÆDRUS, the Roman fabulist, born A.C. 47, died A.D. 31.

PHALARIS, tyrant of Crete, inventor of the brazen bull, died A.C. 563.

PHARAMOND, the first French monarch, died 428.

PHAROS, a small island off the coast of Egypt, nearly opposite Alexandria, chiefly noted for its tower, which was so high as to have been seen 100 miles off; considered one of the seven wonders of the world. It was built A.C. 283, by the famed architect Sostrates, a native of Cnidos, and cost Ptolemy Philadelphus 800 talents.

PHARSALIA, battle of, A.C. 48, at which Pompey was totally routed by Cæsar, and afterwards assassinated by order of Ptolemy Dionysius, king of Egypt.

PHERECYDES, a philosopher of Scyros, who flourished about A.C. 560. Pythagoras was one of his disciples.

PHIDIAS, the most celebrated Athenian sculptor, flourished in the 83d Olympiad. He made the famous statue of Minerva, at the request of Pericles, which was placed in the Pantheon; also that of Jupiter Olympius, which was reckoned one of the wonders of the world. He died A.C. 432.

PHILADELPHIA, the capital of Pennsylvania, United States, was founded in 1682, by the celebrated William Penn, who, in October 1701, granted a charter incorporating the town with city privileges. It is now the second city in the Union, and is more regularly built than any other. The institutions and general aspect of Philadelphia are still influenced by the character and conduct of Franklin, who died in 1790. The commercial prosperity of the city was greatly promoted by the generous and persevering efforts of Stephen Girard, who died in 1831, and who bequeathed large sums to various charitable purposes.

PHILANTHROPIC SOCIETY, London, commenced 1788.

PHILEMON, of Athens, comic poet, flourished A.C. 274.

PHILETUS, of Cos, grammarian, flourished A.C. 280.

PHILHARMONIC SOCIETY, commenced 1813.

PHILIDOR, musician and chess-player, born 1726, died 1795.

PHILIP, king of Macedon, and father of Alexander the Great, was son of Amyntor, and began to reign about A.C. 360; the same year he invaded the Peloponnesus; gained his second battle over the Illyrians 359; concluded the second war 348; conquered Thrace 343; became master of Greece 338; was assassinated by Pausanias 336.

PHILIPPINE ISLANDS were discovered by Magellan in 1521, but were not taken possession of till three years afterwards. In 1570 a settlement was effected at the mouth of the Manilla river, which was in the following year constituted the capital of the Spanish possessions in the Philippines. In 1574 the colony was attacked by a fleet of Chinese pirates; but they were repulsed after a bloody engagement. The Spaniards attacked the island of Sooloo in 1590, but were repulsed. From this period various intestine wars disturbed the Philippines, till in 1757, the viceroy of the islands despatched all the Chinese settlers to their own country. Manilla was taken by the English in 1762, but given up to the Spaniards by the peace of 1764. See **MANILLA**.

PHILIPS, AMBROSE, dramatic poet, died 1748.

PHILIPS, JOHN, an English poet, author of "The Splendid Shilling," died Feb. 15, 1708, aged 30.

PHILIPSBURGH, town, duchy of Baden, was formerly one of the strongest places in Germany; but was completely dismantled during the wars of the French revolution; was taken by the French 1734.

PHILLIPS, SIR RICHARD, formerly sheriff of London and Middlesex, and founder of the Sheriff's Fund, for the relief of distressed prisoners, born in 1767. He was universally known in the literary world as the projector, and for many years the conductor and proprietor of the "Monthly Magazine." He was also the author and publisher of many books connected with an improved system of education on the interrogative plan, which will remain honourable testimonials of his great industry, extensive knowledge, and powerful understanding. He died March 24, 1840, at Brighton, in his 73d year.

PHILO, a Jewish writer, flourished at Alexandria during the reign of Caligula. He was the chief of an embassy sent to Rome about A.D. 42, to plead the cause of the Jews against Apion, of which he wrote an entertaining account. The best edition of Philo is that of "Mangey," two vols. folio, London, 1742.

PHILOPŒMEN, a celebrated general of the Achæan league, was born in Megalopolis, in Peloponnesus; took Sparta A.C. 121; abrogated the laws of Lycurgus 188; was defeated and slain 183.

PHILOSTRATUS, FLAVIUS, a Greek writer, a teacher of rhetoric, first at Athens and then at Rome, from the reign of Severus to that of Philippus, who obtained the empire A.D. 244.

PHILPOT, JOHN, an alderman of London, stabbed Wat Tyler in Smithfield, 1381.

PHLOGISTON, in chemistry, formerly considered as the principle of inflammability. The doctrine was introduced by Stahl, born 1660; exploded by the discoveries of Lavoisier, 1770. See CHEMISTRY.

PHOCAS, a Roman emperor of the East, by his concessions founded the temporal power of the popes, A.C. 606; was put to death by Heraclius, Oct. 5, 610.

PHOCION, Athenian general, put to death A.C. 318.

PHŒNICIA, or PHŒNICE, an ancient country of Asia, called in scripture the land of Canaan. The Canaanites, afterwards called Phœnicians, descended

from Canaan, the son of Ham. When the Israelites were carried into captivity by Salmanasar, A.C. 921, the Phœnicians and Philistines were so united that they were considered as the same people, and the whole coast was known by the name of Phœnicia. The Phœnicians were governed by kings; and their territory, though small, included several kingdoms: as those of Sidon, Tyre, Aradus, Berytus, and Byblus. They were great merchants, navigators, and planters of colonies in foreign parts. They acquired the power of the Mediterranean A.D. 826.

PHOSPHORUS, a peculiar solid inflammable substance, discovered accidentally by Brandt, an alchemist of Hamburg, in 1669, while he was in quest of the philosopher's stone.

PHOTIUS, a patriarch of Constantinople, in the ninth century. The emperor Basil expelled him in 869: on the death of Ignatius he resumed his dignity in 879. In 886 Leo caused him again to be deprived, and confined in a monastery, where he died in 891. He was the author of several valuable works, and, among others, "Bibliotheca," consisting of an abstract of 280 different writers in the departments of history, oratory, theology, &c.

PHOTOGENIC DRAWING, a method invented by M. Daguerre, a French painter. See DAGUERREOTYPE.

PHRENOLOGY, a term now used for the new science of Gall and Spurzheim, at first known by the name of CRANIOLOGY, which see. Since the first development of their principles, many writers in this country have devoted their attention to the subject. The ingenious but eccentric Abernethy, who died in 1831, while he admits that the brain in animals is an organ by which the percipient principle becomes variously affected, remarks, in relation to phrenology, "Though the possession of original dispositions, faculties, and sentiments, may create a tendency to certain actions, yet Gall and Spurzheim admit, that it is education which produces knowledge and character: it is the disposition and ability to do what has been repeatedly done, and with progressive improvement, that gives us talents and habits of thinking, feeling, and acting in a particular manner. It is repetition, or education, by which, also, motives are rendered so predominant that we feel the indispensable necessity of implicit

and energetic obedience to their commands, which is called enthusiasm, and which has given rise to glorious deeds, dignifying and exalting human nature far above animal existence."

PHYSIC. See **MEDICINE.**

PHYSICIANS, COLLEGE OF. See **COLLEGE.**

PHYSIOGNOMY, or the art of knowing the disposition and character of persons by the lines of the face, was seldom in modern times mentioned, except in conjunction with the exploded arts of magic, alchemy, and judicial astronomy, till the appearance in 1770 of Lavater's great work. See **LAVATER.** In this work the author does not profess to give a complete synthetical treatise on physiognomy, but exhibits fragments only, illustrative of its different parts. In the "Berlin Transactions" for 1775, there appeared a formal attack upon Lavater's work by M. Formey.

PIANOFORTE, a keyed instrument, in which the tone is produced by hammers instead of quills, as in the harpsichord. Early in the last century, the hammer harpsichord was invented at Florence, of which there is a description in the "Giornale d'Italia, 1711." The invention made but a slow progress. The first that was brought to England was made by Father Wood, an English monk at Rome. The first attempts were always on a large size, till Zumpé, a German, constructed small pianofortes of the shape and size of the virginal. Large pianofortes afterwards received great improvement in the mechanism by Merlin, and in the tone by Broadwood, Stoddard, Clementi, &c. A modern alteration of the exterior shape is found in the upright or cabinet pianoforte.

1839. At the late Exhibition of the Produce of French Industry, 67 masters sent nearly 200 pianos, amongst which were several of an entirely new shape; such as table, gueridon, oval, hexagon, and consol. These new instruments were made at the manufactory of Mr. Pape, pianoforte maker to the king, who also exhibited a square piano, justly considered as a masterpiece of its kind, veneered with sheets of ivory, part of which is carved and inlaid, and forms a most beautiful mosaic design. M. Pape also exhibited a grand piano of a small size. The most remarkable improvement in this instrument is the sounding-board, which is so disposed

that the tension of the string stretches and keeps the sounding-board level. The consequence is, that the sound improves in the course of time, whilst in pianos of the ordinary construction the contrary will happen.

PIAZZI, JOSEPH, the discoverer of the planet Ceres, died 1826.

PICART, JOHN, the mathematician and astronomer, died 1693.

PICCINI, NICHOLAS, musical composer, died 1800.

PICHEGRU, GENERAL, found dead in his prison, supposed to be privately murdered by order of Buonaparte, April 5, 1804.

PICKEN, ANDREW, author of "Dominie's Legacy," died 1833, aged 45.

PICKETT, WILLIAM, reviver of painted glass, died October 14, 1795, aged 65.

PICTON, SIR THOMAS, lieutenant-general in the British army, and member of parliament for the borough of Pembroke; born at Poyston in Pembrokeshire, in August, 1758; died at Waterloo June 18, 1815. A monument was erected to commemorate his death and services in 1827.

PICTS, a people who anciently inhabited the eastern part of Scotland, first particularly mentioned in history about the third century. St. Columba converted Brudius, king of the Picts, to the Christian faith, in the sixth century. They were defeated and nearly extirpated by the Scots in 838. Upon the death of Bred, the last Pictish king, 843, Kenneth, the son of Alphin, king of Scots, obtained the Pictish government, when the union of the Picts with the Scots conjoined the separate dominions of both.

PICTS' WALL, between England and Scotland, built by Agricola 85; repaired by Urbicus 144; Adrian built one from Newcastle to Carlisle 121; Severus from sea to sea 203.

PICUS, Prince of Mirandola, Modena, Italy, memorable for his extraordinary genius and memory in language, being master of 22 languages, and of all the science of his time, died 1494.

PIEDMONT, province, north-east of Italy. The southern division was, in 1794 and 1795, the scene of military operations between the French and allies, long maintained without decided advantage on either side; but in 1796 the arrival of Buonaparte obliged the court

of Turin to make a separate peace, which was followed, two years after, by the deposition of the king and the incorporation of Piedmont into the French territory. Piedmont surrendered to the French 1798; was recovered in 1799. On the reinstatement of the Sardinian monarch in 1816, this territory was incorporated with his dominions under the title of the kingdom of Piedmont and Sardinia.

PIERRE, ST. BERNARDIN. See **ST. PIERRE.**

PILATE, or PONTIUS PILATE, the Roman governor at the death of Christ, was placed over Judea in the room of Gratus, A.D. 26 or 27, and governed that province for 10 years. He is represented both by Philo and Josephus as a man of an impetuous and obstinate temper, and as one who, in his capacity as judge, used to pronounce any sentence that was desired, provided he was paid for it. He was at length deposed by Vitellius the proconsul of Syria in 38, and sent to Rome to give an account of his conduct, but before he arrived, the emperor, Tiberius, was dead. His successor, Caligula, banished him to Vienna, in Gaul, where he put an end to his existence A.D. 40.

PILLORY, an ancient mode of punishment, noticed in England in the time of Henry III.; abolished, except in case of perjury and subornation of perjury, 1816; totally abolished by 1 Victoria, c. 23, June 30, 1837.

PILNITZ, village, Saxony. Here is a royal palace, celebrated as the spot where the king of Prussia, the emperor of Germany, and other sovereigns concluded, in 1791, the treaty for the support of the Bourbons in France, which gave rise to the wars of the revolution.

PINDAR, the celebrated lyric poet of ancient Greece, was born at Thebes, about A.C. 520. There is no great poet in antiquity whose character has been less censured than that of Pindar. His works abound with precepts of the purest morality. According to the chronology of Dr. Blair, he died A.C. 435, aged 86.

PINELLI, JOHN VINCENT, a Genoese of distinguished character, was born at Naples in 1535. Died in 1603, aged 68.

PINKERTON, JOHN, author of "Modern Geography," &c., died 1826, aged 67.

PINNEY, the mayor of Bristol, was tried for negligence and pusillanimity during the memorable riots, and acquitted, Nov. 1, 1832. See **BRISTOL.**

PINS were formerly made of iron wire, which being blanché, passed for brass; but the ill effects of those pins discarded their use. The French, however, could not be driven off from them without several arrears of parliament. By a sentence of the lieutenant de police, July, 1695, the seizure of some millions of those pins was confirmed, and the pins condemned to be burnt by the common executioner. Pins were brought from France, in 1543, and were first used in England by Catherine Howard, queen of Henry VIII. Before that invention, both sexes used ribands, loop-holes, laces with points and tags, clasps, hooks and eyes, and skewers of brass, silver, and gold.

PIN-MAKERS' COMPANY, London, incorporated 1636.

PIOZZI, MRS., the friend of Dr. Johnson, known as Mrs. Thrale, the author of "English Synonymes," died 1821.

PIPES of lead for the conveyance of water invented 1538.

PIRACY consists in committing those acts of robbery and violence upon the seas, which, if committed upon land, would amount to felony. Piracy was almost universally practised in the heroic ages. Instead of being esteemed infamous, it was supposed to be honourable. The prevalence of this piratical spirit in these early ages may, perhaps, be explained by the infinite number of small independent states into which the country was divided, and the violent animosity constantly subsisting amongst them. Cilicia was, at all times, the great stronghold of the pirates of antiquity; so that it became necessary to send Pompey against them, with a large fleet and army. During the anarchy of the middle ages, piracy was universally practised. The famous Hanseatic league was formed chiefly for the purpose of protecting the ships of the confederated cities from the attacks of the pirates. See **HANSE TOWNS.**

The most daring pirates of modern times were the Buccaneers of the 17th century. See **BUCCANEERS.** The most remarkable recent piracies were those during the late Greek war, of which many instances are recorded. In Janu-

ary, 1828, Carabusa, in the isle of Candia, which sheltered the pirates, was attacked by Sir Thomas Staines, in the Isis frigate, with vessels, French and British, under his command, the Greeks having been first summoned, but in vain, to give up the chiefs of the pirates and their vessels. The forts were evacuated and put into the possession of a chief appointed by the President Capo d'Istria, and the vessels in the port were sunk or taken possession of. In March following the Greek Admiral, Miaulis, destroyed or captured at Scopelo, 41 vessels suspected of piracy; 38 more were seized by him on the same grounds a few days afterwards at Skiatho.

By the ancient common law of England, piracy, if committed by a subject, was held to be a species of treason, but since the statute of treasons (25 Edw. III. c. 2) it is held to be only felony in a subject. Formerly, this offence was only cognisable by the admiralty courts, but the statute 28 Hen. VIII. c. 15 established a new jurisdiction for this purpose, which proceeds according to the course of common law. At a very early period of our history, a law was made for the restitution of property taken by pirates, if found within the realm, whether belonging to strangers or Englishmen. The stat. 6 Geo. IV. c. 49 enacts, that vessels and other property taken from pirates, proved to have belonged to any of his majesty's subjects, are to be delivered up to them, on their paying a sum of money as a salvage, equal to one-eighth part of the true value of the same. 1 Victoria, c. 88, July 17, 1837; remits the punishment of death, except where murder is attempted.

PISA, city, Italy, in a province of the same name, grand duchy of Tuscany, is a place of great antiquity, though it did not become famous till the 10th century, when it took the lead of the commercial republics of Italy. In the 13th century, the ascendancy of Genoa cast Pisa into the shade. The treachery of its princes, with the interference and deceitful politics of France, undermined its freedom, and, at length, the intrigues of the Medici completed its ruin, and enslaved it to its rival Florence, about 1428.

PISTOLS first used by cavalry 1544.

PITCAIRNE, DR. ARCHIBALD, an eminent physician, born in 1652. The university of Leyden in 1691 solicited him to fill the medical chair, at that time

vacant. He accepted the invitation, and, on April 26, 1692, delivered his inaugural oration. He was universally considered as the first physician of his time. He collected one of the finest private libraries in Europe; which was purchased after his death by the Czar of Russia. He died Oct. 23, 1713.

PITCAIRN'S ISLAND, Pacific Ocean, remarkable as having afforded a refuge to the mutineers of the *Bounty* in 1790. After abandoning their captain (Bligh) to the waves, eight of the mutineers fixed on this island as their residence. In ten years 13 men had been killed, and there remained alive only one, named Adams, with 6 women and 19 children. Captain Beechy, in 1825, found 36 males and 30 females, forming a happy little society, well instructed, orderly, and friendly. In 1833 they had greatly increased in numbers and improved in manners, and are useful to vessels touching there.

PITT, WILLIAM, the great earl of Chatham. See CHATHAM.

PITT, THE RIGHT HONOURABLE WILLIAM, the distinguished statesman, and son of the first earl of Chatham, was born May 28, 1759. About 1780 he entered parliament as member for Appleby. Having espoused the popular side in regard to the American war, his opening talents were displayed to great advantage, and he was regarded as destined, at some future period, to rank high in the councils of his native country. In 1783 the offices of first lord of the treasury and chancellor of the exchequer were bestowed on him; and he thus became prime minister before he was full 24 years of age. Having now attained the summit of power Mr. Pitt exercised every function of his important offices, without any check or control. Possessed of a great majority in both houses of parliament, as well as in the cabinet, his principles as well as his whole deportment were changed.

Soon after the commencement of the French revolution, his policy became unpopular, and he was thought to manifest too much eagerness to enter into a war, which must bring numerous evils on the country. Having held the reins of government during 18 years, both he and all the members of the cabinet suddenly retired from office in 1801. On this occasion all parties appeared to rejoice at the appointment of Mr. Addington.

But the talents of the new minister were soon found unequal to the contest in which he had embarked, and Mr. Pitt, in 1804, resumed his post as first lord of the treasury. In December, 1805, his health began to fail, and he died Jan. 23, 1806, in his 47th year. Public monuments have been since raised to his memory in Westminster Abbey, in Guildhall, and by many public bodies in different parts of the kingdom.

PITT, JOHN, earl of Chatham, the son of the first and the brother of the second William Pitt, died Sept. 1, 1835, in his 80th year. This title is now extinct.

PITT, REV. CHRISTOPHER, translator of Virgil, born 1699, died 1748.

PITT, THOMAS, governor of Fort St. George, proprietor of the famous diamond, and grandfather of the first earl of Chatham, died 1726.

PITTACUS, Grecian sage, born about A. C. 650; died A. C. 579.

PIUS VII., whose history is rendered memorable by its connection with the French revolutionary wars, was raised to the dignity of pope, after the death of Pius VI., 1799. By a convention ratified Sept. 10, 1801, Buonaparte, as first consul, was not only acknowledged to possess all the privileges of the ancient French monarchy, but new and essential immunities were obtained for the Gallican church; and by a concordat, agreed to soon after, the apostolical and Roman faith was declared to be the religion of the state. This concordat was ratified by the legislature of France in April, 1802. For a considerable time Pius VII. was placed in circumstances the most perplexing and distressing: but early in the year 1813 a reconciliation was effected between the head of the Romish church and the emperor of France. The consequence of this was a new concordat, by which Napoleon agreed to restore Pius VII. to his temporal power, and to reinstate him in his former dignity. The complete restoration of the papal see did not, however, take place till after the fall of the Napoleon dynasty in 1815, when Pius VII. resumed his authority. He died at Rome Aug. 20, 1823, at the age of 81.

PIX, or BOX, to contain the host, ordered by the Lateran council 1215.

PIZARRO, FRANCIS, a celebrated Spanish general, the discoverer and conqueror of Peru. In 1524, with Diego

de Almagro, and Hermando Luque, he entered into an association for discovering the countries on the coast of the South Sea. Pizarro made several successful voyages; and with his associates, in 1532, effected the conquest of Peru. At length the conquerors quarrelled among themselves, and in April 1538, a battle was fought between the forces of Pizarro and Almagro, which ended in the total defeat of the latter. Almagro himself being taken prisoner, was soon after executed by Pizarro. A conspiracy was formed against the life of Pizarro, and on June 26, 1541, he was assassinated by Herroada, one of the principal of the Almagrian officers, at the head of 18 determined associates.

PLAGUE, a very acute, malignant, and contagious fever, which has at times visited most nations in different ages of the world. These raging epidemics have consisted of different maladies in different instances; but in more modern times the various forms of pestilence having been more accurately defined, the true plague has been more readily distinguished, and its form and character well recognised. Ethiopia and Egypt have been stigmatized in every age as the original source and seminary of the plague. One of the most extensive and fatal instances was that which depopulated the earth in the time of Justinian and his successors; it first appeared about A. D. 542, in the neighbourhood of Pelusium, between the Serbonian bog and the eastern channel of the Nile. From thence tracing as it were a double path, it spread to the east, over Syria, Persia, and the Indies; and, penetrating to the west, along the coast of Africa, and over the continent of Europe, the disease alternately languished and revived. But it was not till the end of 52 years that mankind recovered their health, or the air resumed its pure and salubrious quality. At one time during three months, from five to ten thousand persons died each day at Constantinople, many cities of the east were left vacant, and in several districts of Italy the harvest and the vintage withered on the ground.

The following are some of the most remarkable plagues since the above period.

1348. In Germany, &c., which cut off 90,000 people.

1349, when 50,000 people died in London, 1500 in Leicester, &c.

1407. In London, which killed 30,000 people.

1477. Again, when more were destroyed than in 15 years war before.

1499. Again, when 30,000 died in London.

1604. Again in London, which carried off a fourth part of its inhabitants.

1611. At Constantinople, when 200,000 persons died.

1625 and 1631. At London, when 35,000 people died.

1665-6. Again at London, which destroyed 68,000 persons. This was a calamity so vast and awful, as to have erased all the preceding ones from popular memory, and to be called alone, in ordinary speech, The Great Plague.

1773. In Persia, when 80,000 persons perished at Bassorah.

1784. At Smyrna, that carried off about 20,000 inhabitants, and at Tunis 32,000.

1792. In Egypt, where near 800,000 died.

1799. At Fez, 247,000 died.

1800. In Morocco, in one day 1800 died.

1814. In Lesser Asia, Syria, and the adjacent islands, by which Smyrna is computed to have lost 30,000 persons.

1816. In the kingdom of Naples, where it committed considerable ravages.

1837. At Constantinople, more fatal than for many years. All family ties were dissolved by fear of the disorder: parents forsook their children, children their parents.

PLASSEY, town, Bengal, on the river Hooghly, chiefly celebrated as the scene of the decisive battle fought in June, 1757, which decided the fate of Bengal, and ultimately of India. In this engagement the British forces, under Colonel Clive, consisting of about 3000 men, put to the rout the army of the Nabob Seraje ud Dowlah, estimated at 50,000.

PLASTERERS' COMPANY, London, incorporated 1500.

PLATA, LA. See BUENOS AYRES.

PLATE-GLASS COMPANY, incorporated 1773, when it erected its extensive works at Ravenhead, near St. Helen's, in Lancashire.

PLATINA, a metal found in various parts of South America, in the island of St. Domingo, and in the province of Estramadura, in Spain. First brought into

England in 1741, by Charles Wood. He obtained it in Jamaica, and published an account of his experiments on it in the Philosophical Transactions for 1749 and 1750.

PLATO, the illustrious philosopher of Athens, was born in the island of Egina, about A.C. 430. At the age of 20 he applied himself to the study of philosophy, attaching himself wholly to Socrates, and remaining with him eight years as a scholar. His school of philosophy soon became celebrated, and its master was ranked among the most eminent philosophers. Having enjoyed the advantage of an athletic constitution, and lived all his days temperately, he arrived at the 81st year of his age, and died through the mere decay of nature, in the first year of the 108th Olympiad, about A.C. 359.

PLATOFF, General count, Cossack general, died April, 1818.

PLATTSBURG, Lake Champlain, expedition against, by Sir George Prevost, abandoned after a naval defeat, Sept. 11, 1814.

PLAUTUS, the Roman comic poet, died A.C. 184.

PLAYFAIR, JOHN, a celebrated Scottish mathematician and natural philosopher, was born March 10, 1748, and entered the University of St. Andrew's at the age of 14. In 1785 he was appointed professor of mathematics. In 1789 succeeded Dr. Gregory, as secretary to the physical class of the Royal Society. The death of Dr. James Hutton in 1797, gave a new direction to his studies; and the rest of his life was chiefly devoted to geological investigation. After five years' labour, Mr. Playfair produced in 1802, his "Illustrations of the Huttonian Theory," in one volume 8vo. In 1815 he undertook a journey to the continent, for the purpose of examining the geology of the Alps, and returned to Edinburgh in the end of 1816. Some time after his return he read to the Royal Society a paper on volcanos, which excited great interest. He died July 19, 1819, in his 72d year.

PLAYFORD, JOHN, English musician and composer, born 1613, died 1693.

PLEURES, in Switzerland, destroyed by the falling of part of a mountain, when 2000 persons perished, Aug. 28, 1618.

PLINY THE ELDER, or CAIUS PLI-

NIUS SECUNDUS, one of the most learned Roman writers, was born at Verona in the reign of Tiberius, A.D. 23. He bore arms in a distinguished post, and was employed in several important affairs by Vespasian and Titus, who honoured him with their esteem. He had the command of the fleet stationed at Misenum, when in the month of August, A.D. 79, a great eruption of Vesuvius broke out. On its first appearance he steered directly to the spot, where he was suffocated, being then in the 56th year of his age.

PLINY THE YOUNGER was born A.D. 62, at Novocomum, a town upon the lake Larius. He was the son of L. Cæcilius, by a sister of the elder Pliny. He held the offices of quæstor and tribune, through the reign of Domitian; was promoted to the consulate by Trajan when 38 years of age, and afterwards made proconsul of Bithynia; whence he wrote to Trajan that well-known letter concerning the primitive christians, which with Trajan's rescript, is extant among his epistles. He died about A.D. 116.

PLOT, DR. ROBERT, antiquarian and historical writer, born 1641, died 1696.

PLOWDEN, FRANCIS, author of the "Historical Review of the State of Ireland," &c., died 1829.

PLUMBERS' COMPANY, London, incorporated 1611.

PLUMTREE, REV. JAMES, author of the "Collection of Songs, Moral," &c., died 1832.

PLURALITY OF BENEFICES OR LIVINGS, is where the same clerk is possessed of two or more spiritual preferments with cure of souls. A remedy was attempted for this abuse at the council of Lateran, under Alexander III. and Innocent III. in 1215; but the same canon granting the pope a power to dispense with it in favour of persons of distinguished merit, the prohibition became almost useless. Pluralities were also restrained by statute 21 Hen. VIII. c. 13; but the same statute provides for dispensation in certain cases.

The act 1 and 2 Vic. c. 106, Aug. 14, 1838, is designed to abridge the holding of benefices in plurality, and to make better provision for the residence of the clergy. It repeals the 21 Hen. VIII. c. 13, and 57 Geo. III. c. 99, except as to penalties already incurred, or licences already granted under them; and enacts that not more than two preferments shall be held together (except as therein

specified); nor two benefices, unless within 10 miles of each other; nor if the population of one such benefice is more than 3000, or their joint yearly value shall exceed £1000. A licence or dispensation to hold together any two benefices under this act, must be obtained from the archbishop of Canterbury; but previous thereto the bishop of the diocese must certify.

PLUTARCH, an eminent philosopher and biographer of antiquity, was born at Chæronea, of Bœotia, in Greece, about the commencement of the reign of Nero. He was placed under the care of Ammonius, an Egyptian, under whom he made great advances in knowledge, travelled into Egypt, visiting in his way all the academies and schools of the philosophers, gathering from them many of those observations with which he has abundantly enriched posterity. He was several times at Rome to make observations upon men and manners, and to collect materials for writing the lives of the Roman worthies, in the same manner as he had already written those of the Grecian. He died in the fifth year of Adrian, at the age of 70.

PLYMOUTH, seaport, Devon, is a place of considerable antiquity, and now one of the largest maritime towns in England. Until the reign of Henry II. it was principally inhabited by fishermen; since that period, owing to the goodness of the haven, it has attained its present eminence. In the time of the civil wars, this town adhered to the parliament, and in 1643 was besieged for several months by the royal army. It is defended by several strong batteries, and a citadel, erected by Charles II. about 1670. Plymouth is chiefly distinguished for the capaciousness of its harbour. The gigantic work called the Breakwater, has added much to the safety of the Sound. See **BREAKWATER**.

PLYMOUTH DOCK. See **DEVONPORT**.

PNEUMATICS, that branch of natural philosophy in which are investigated the weight, pressure, and elasticity of elastic fluids. The pressure of the air was discovered by Torricelli, 1645. Found to vary with the height by Pascal, 1647. The air-pump, invented by Otto Guericke, 1654. Air-pump improved and rendered more manageable by Boyle, after the publication of "Mechanica Hydraulicæ Pneumaticæ," by Schottus,

in which Guericke's experiments were described, 1657. The mechanical properties of air are those only about which this branch of science is concerned; their nature and chemical properties belong to chemistry; and the investigation of these constitutes a very important part of the valuable improvements that have been introduced into that science since the middle of the 18th century. See CHEMISTRY, p. 254.

POACHING prohibited by act 28 Geo. II., passed 1753; reduced to a trespass by 2 William IV., 1831. See GAME LAWS.

POCOCKE, DR. RICHARD, bishop of Meath, the traveller, died 1765.

POGGIO, the reviver of Greek and Latin literature, born 1380, died 1459.

POICTIERS, town, France, department La Vienne, province Poitou. Near this place Edward the Black Prince gained a decisive victory over the French in 1356, taking King John and his son prisoners, whom he afterwards brought over into England. The army of the English amounted only to 12,000 men, and the French to 60,000.

POINT DE GALLE, fortified seaport town, south-west of the isle of Ceylon, was taken possession of by the Portuguese in 1517, and taken from them by the French in 1640. In 1796 it came into possession of the British.

POISSONNIER, PETER ISAAC, physician, first lecturer on chemistry at Paris, born 1720, died 1798.

POLAND, formerly an independent kingdom, but now almost annihilated from among the nations of the earth. In its highest prosperity it contained an area of 284,000 square miles, and a population of about 15,000,000; but it has gradually been reduced in extent, and incorporated with its more powerful neighbours. The kingdom began, by favour of Otho III., emperor of Germany, under Boleslaus, 999. Red Russia was added to it, 1059. Pomerania, that had been separated 180 years, was again united with it, 1465.

Poland was, from this time, governed by a race of kings, among whom the most remarkable was Sigismund I., who ascended the throne in 1507. This monarch, having reformed some internal abuses, determined on rendering the kingdom as formidable as it had formerly been. Sigismund III., surnamed De Vasa, who in 1587 became master of

the throne of Poland, waged a successful war with the Tartars, and was otherwise prosperous; but as he succeeded to the crown of Sweden, he found it impossible for him to retain both kingdoms, and he was formally deposed from the Swedish throne.

From this time the following are the kings of Poland:—Sigismund III., whose reign began 1587; Uladislaus VII., 1632; John II., 1648; Michael, a Russian prince, 1669; John III. Sobieski, 1671; Frederick II., elector of Saxony, 1698; Stanislaus I., 1704; Frederick II. again, 1710; Frederick III., 1733; Stanislaus II., Count Poniatowski, 1764.

In 1772 a partition, projected by the king of Prussia, was effected, by that monarch, in conjunction with the empress of Russia and emperor of Germany. By this one-third of the country was wrested from the kingdom. The partitioning powers also forcibly effected a great change in the constitution; but in 1791, the king and the nation established another constitution, the throne being declared hereditary, in the house of Saxony. A second partition, which took place in 1793, roused the spirit of the nation, and General Kosciusko appeared in the following year at the head of a Polish army to assert the independency of his country. He was, however, overpowered by numbers, taken prisoner, and sent, with many other patriots, into confinement at Petersburg. The king, Stanislaus II., formally resigned his crown at Grodno in 1795, and was afterwards removed to Petersburg, where he remained a kind of state prisoner till his death in 1798. The whole of this unfortunate country was divided among the three powers. Austria had Little Poland, and the greater part of Red Russia and Podolia, now called the kingdom of Galicia: Prussia had Great Poland, Polish Prussia, a small part of Lithuania, and Podlachia: and Russia had Samogitia, the remainder of Lithuania, Polynia and Podolia.

At the settlement of the continent in 1815, after the overthrow of Buonaparte, a small portion of the original territory of Poland, with an area of about 47,000 square miles, and a population of 3,000,000, was erected into a separate kingdom, subject to the emperor of Russia, but governed by its own laws. By the liberal policy of the emperor Alex-

ander, a constitutional charter was framed to combine, as far as possible, the ancient forms of the Polish constitution with the modern improvements in legislation. On the accession of the emperor Nicholas, his despotic policy aroused the Poles again to resistance. In 1833 they flew to arms, and made a noble effort to gain their independence; but the overwhelming force which Russia was able to bring against them rendered the struggle ineffectual, and only ended in their destruction. Exasperated by the resistance which they made, the line of policy adopted by Nicholas seemed calculated, if possible, to destroy their existence as a nation, and they have been gradually incorporated with Russia.

POLAR REGIONS have, at all times, since the extension of geographical knowledge, been the object of eager curiosity, but various circumstances have given a more intimate and profitable connection with the northern than with the opposite extremity of the globe. After the discoveries of Vasco De Gama and Columbus, at the close of the 15th and beginning of the 16th centuries, had stimulated the enterprise of commercial adventurers, it was suggested that shorter routes might be found to the regions of wealth by pursuing a northerly navigation. To this we are indebted for the voyages of Martin Forbisher, who, in 1578, made three voyages towards the north-west, under the auspices of Queen Elizabeth; also that of Davis, who, about 1586, added much to hydrographic knowledge, and of Henry Hudson, in 1607, and Baffin in the early part of the 17th century. For an account of the more recent expeditions see the following articles; **ARCTIC EXPEDITION**, **AMERICA**, and **NORTH WEST PASSAGE**.

With regard to the southern Polar regions much less is known. In 1838 Captain Washington read to the British Association a paper "on the recent expeditions to the antarctic seas," illustrated by a south circumpolar chart on a large scale, showing the tracks of all former navigators to these seas, from Dirk Gherritz, in 1599, to M. D'Urville, in 1838; including those of Tasman, in 1642; Cook, in 1773; Bellingshausen, in 1820; Weddell, in 1822; Biscoe, in 1831; and exhibiting a large basin, nearly in extent to the Atlantic Ocean, unexplored by any ship, British or foreign. The writer pointed out that the ice in

these regions was far from stationary; that Bellingshausen had sailed through a large space within the parallel of 60° , where Biscoe found ice that he could not penetrate; that where D'Urville had lately found barriers of field ice, Weddell, in 1822, had advanced without difficulty to the latitude of $74\frac{1}{4}^{\circ}$, or within 16° of the pole; and that it was evident from the accounts of all former navigators, that there was no physical obstacle to reaching a high south latitude.

An expedition to the Antarctic Ocean, consisting of two vessels, chiefly fitted out under the direction of Mr. Charles Enderby, sailed from London July 16, 1838, and returned in Sept. 1839, with a most successful issue. The two vessels crossed the equator in $22^{\circ} 40'$ west longitude, touched at the island of Amsterdam, and, on December 3, anchored in Chalky Bay, near the south-western angle of the southern island of New Zealand. On January 7, 1839, the vessels sailed for the southward. On February 9, the appearance of land was seen to the south-west, lat. $66^{\circ} 22' S.$; long. $163^{\circ} 49' E.$, which proved to be a group consisting of five islands, three large and two small, which were named respectively after Messrs. Young, Borradaile, Buckle, Sturge, and Row, the spirited merchants who united with Mr. Enderby in sending out this expedition.

POLARIZATION OF LIGHT. Discovery matured by Malus in 1810. See **OPTICS**.

POLE, REGINALD, a distinguished statesman and cardinal, was born in Staffordshire in 1500. Having been sent nuncio to different parts of Europe, in 1543 he was appointed legate at the council of Trent, and was afterwards employed by the pope as his chief counsellor. Pope Paul III. dying in 1540, Pole was twice elected his successor, and twice, it is said, refused the papal dignity. On the accession of Queen Mary, he was sent legate to England, where he arrived in 1554. He had now the sole management of ecclesiastical affairs in England; and from this time the persecution became more violent, and the executions more frequent. He was made archbishop of Canterbury the day after Cranmer's execution, and before the end of the same year (1556) he was made chancellor of Oxford and Cambridge. He died in 1558, a few hours after the queen, at the age of 58.

POLICE, METROPOLITAN, formerly regulated by various statutes for enforcing the duty of watch and ward; as the statute of Winton, 13 Edward I.; 14 George III. c. 90, s. 14. for regulating the watch of the metropolis; 7 George IV. c. 142, s. 73, for consolidating the turnpike trusts near London, and various other acts of parliament for similar objects.

THE NEW POLICE ACT, 10 Geo. IV. c. 44, passed June 19, 1829, after reciting that offences against property have lately increased, and the local establishments of nightly watch and police have been found inadequate, enacts that a new police office be established in Westminster, and two fit persons appointed as justices of the peace for the counties of Middlesex, Surrey, Hertford, Essex, and Kent, and all the liberties therein, to conduct the business of the said office, under the directions of the Secretary of State. The whole of the city and liberties of Westminster, and such parishes, townships, &c. in Middlesex, Surrey, and Kent, as are enumerated in this act, to constitute one district, to be called "The Metropolitan Police District."

The most important feature of the new act is the establishment of a police force, separate from the control of the local magistracy, and independent of the parochial authorities, to whom the appointment and regulation of the nightly watch had been hitherto entrusted. The prevention and detection of offences within the districts included in the act devolves on the newly-appointed "Commissioners of Police," whose functions are exclusively confined to the attainment of these objects; while the examination of persons charged with offences continue to be exercised by the magistrates of the metropolitan offices as before.

1839. 2 and 3 Vic. c. 71, Aug. 24, continues the present police courts and police magistrates; but empowers her majesty, by order in council, to alter their number and situation, so as there are never more than 27 magistrates, &c. Similar acts passed to amend the police at Manchester, by 2 and 3 Vic. c. 87, Aug. 26, 1839, and Birmingham by 2 and 3 Vic. c. 88, Aug. 26, 1839.

POLIGNAC, PRINCE, the minister of Charles X. of France, tried and condemned to perpetual imprisonment, Dec. 21, 1830. After several years of

imprisonment was banished France, Nov. 23, 1836. His colleagues had been previously set free.

POLITIAN, ANGELUS, eminent scholar, born 1454, died 1494.

POLITICIAN, the term first introduced in France, 1569.

POLLIO, a Roman orator and poet, who occasioned the first library being opened at Rome for public use, died in 42.

POLL-TAX, first levied in England 1378. Abolished by William III.

POLTAVA, European Russia, memorable for the battle fought near this town in 1709, when the Swedes, under Charles XII., were completely defeated, and the king obliged to take refuge in Turkey.

POLYBIUS, a celebrated Greek historian, was born at Megalopolis, a city of Arcadia, about A.C. 205. He arose to considerable honours in his own country, but was compelled to visit Rome with other principal Achæans, who were detained there as pledges for the submission of their state. He accompanied Scipio Æmilianus into Africa, and was materially aided by his counsel. His history extends from the second Punic war to the subversion of the Macedonian kingdom, a period of 53 years. He died aged 82.

POLYCARP, one of the most ancient fathers of the christian church, and an early martyr to the cause of christianity, was born toward the end of the reign of Nero. He was unquestionably a disciple of St. John the Evangelist, and is said to have conversed familiarly with other of the apostles. He governed the church of Smyrna with apostolic purity, till he suffered martyrdom A.D. 148, in the persecution which happened in the seventh year of Marcus Aurelius.

POLYGAMY was frequent in the Roman empire, till the reigns of Theodosius, Honorius, and Arcadius, who first prohibited it by express law in 393.

POMBAL, MARQUIS DE, eminent Portuguese statesman, born 1699, died 1782.

POMERANIA, province, Prussia, was ceded by Sweden to Denmark in 1814, as a partial indemnity for Norway, but afterwards came to Prussia by exchange for Saxe Lunenburg.

POMFRET, REV. JOHN, author of the "Choice," died young, in 1709.

POMPEII, or POMPEIA, the ruins of an ancient city of Italy, at the foot of Mount Vesuvius, was burned in an erup-

tion of the volcano, A.D. 79; and, like Herculaneum, not discovered till the beginning of the 18th century. The volcanic matter covering Pompeii, being much less hard than that of Herculaneum, a great part of the city has been cleared, and new discoveries illustrative of the manners and customs of the ancients are continually being made among the ruins. These are particularly described by Sir William Gell in his "Pompeiana," published in 1819.

In June 1827, an excavation was made at Pompeii, in the presence of the king and queen of Naples, which was one of the most successful ever remembered, on account of the abundance and quality of the objects discovered: particularly a very beautiful fountain in mosaic, in which was a genius of bronze holding in his left hand a bird, with its wings expanded, from the beak of which the water issued, and then fell back into the basin. In 1837 the excavations were prosecuted with much activity. Near the street of the tombs were found, in the vestibule of a house, four mosaic pillars about 15 feet high, in very good preservation, being the first discovered of the kind.

POMPEY THE GREAT, CNEIUS POMPEIUS MAGNUS, an illustrious Roman commander, and the rival of Julius Cæsar, was born A.C. 107. Cæsar A.C. 49, being by a decree of the senate proclaimed a public enemy, Pompey was required to take upon himself the defence of the state. The result was the famous battle of Pharsalia, which took place A.C. 48, in which Pompey was entirely defeated, and, attempting to escape, he was slain, in the 59th year of his age, leaving behind him a name among the most illustrious of antiquity.

POMPONIOUS, MELA, the geographer, died in the year 40.

PONDICHERRY, city, Hindoostan, province Carnatic, formerly a village, was purchased by the French from the king of Bejapore, in the year 1672. It was taken by the Dutch in 1693, who considerably improved the town, and enlarged the fortifications, but were obliged to return it four years afterwards. In 1761 it was taken, after a long siege, by the British army under Colonel Coote. At the peace of 1763 it was restored to the French, and, though afterwards retaken by the British, was at length finally restored at the conclusion of the late war.

PONIATOWSKI, PRINCE, drowned in the Elster, after the battle of Leipsic, Oct. 19, 1813.

PONS, LOUIS, celebrated Florentine astronomer, died Oct. 14, 1831.

PONSONBY, GEORGE, an eminent Irish lawyer, and upright statesman, born March 5, 1755, died July 6, 1817.

PONT CYSSYLTER, the superb aqueduct of, over the vale of the Dee, erected 1815.

PONTIUS PILATE. See **PILATE**.

PONTOPPIDAN, BISHOP, author of "Origines Haymenses," died 1764.

PONZA, island, Mediterranean, belonging to the Pontian group, kingdom of Naples, has a harbour defended by batteries, but was taken by the British in 1813.

POOLE, MATTHEW, a learned biblical writer, was born at York in 1624. He succeeded to the rectory of St. Michael de Quern, in London, about 1648, but in 1662 he was ejected from his living for nonconformity. In 1669, the first two volumes of his Synopsis, were published in London, and these were afterwards followed by three others. Besides this great work, Poole published several other pieces. He died in 1679.

POONA, city, Hindoostan, province Aurungabad, formerly capital of the Mahratta empire. In 1802, a treaty of alliance was ratified between the peshwa and the British, and the connection was kept up for nearly 15 years; but in 1819, the peshwa was obliged to resign his office, leaving the British in quiet possession of the western Mahratta empire.

POOR LAWS. Formerly the maintenance of the poor was chiefly an ecclesiastical concern, and a fourth part of the tithes in every parish was set apart for that purpose: hence naturally sprung the parochial settlement. But upon the total dissolution of the monasteries, abundance of statutes were made in the reign of Henry VIII., Edward VI., and Elizabeth, for their relief. The statute of the 43d of Elizabeth was the basis of all the poor laws in England; yet experience has now proved, that it was not so salutary as was expected. In the year 1744 parliament instituted an inquiry into the amount of the poor-rates, in England and Wales, and again in 1783. In the year 1680 the poor rates had produced no more than £665,390. In 1764 they stood at £1,200,000, and in 1773 they were estimated at £3,000,000,

and for many years past they have amounted to the enormous sum of £8,000,000.

The subject of the poor laws from this time frequently employed the attention of parliament; numerous committees were appointed to investigate the subject, and partial amendments proposed. At length in 1832, the commission of poor law inquiry was instituted, in March. In that year the amount expended for the relief of the poor was £7,036,969.

THE POOR LAW AMENDMENT ACT, 4 and 5 Will. IV. c. 76, passed Aug. 14, 1834, was designed as a remedy for the evils produced by the previous condition of the poor. It empowers his majesty to appoint three commissioners to carry the act into execution, to be styled "The Poor Law Commissioners for England and Wales;" who may sit as a board, with power to summon and examine witnesses, and call for production of papers on oath. Administration of relief to the poor to be under control of the commissioners, who are to make rules and regulations for the management of the poor, and administration of the laws for their relief, &c., the apprenticing of the children, &c., and the direction of vestries and parish officers, &c.; and the commissioners may suspend or alter such rules, but they may not interfere in any individual case for the purpose of ordering relief. General rules to be submitted to the Secretary of State forty days before coming into operation. If disallowed by the sovereign in council during the forty days, not to come into operation; and if disallowed afterwards, they are to cease, but without prejudice to all under the same previously to such disallowance. When a union of parishes shall be proposed, commissioners to inquire the expense of the poor belonging to each parish for three years preceding; and after the union, the several parishes therein shall be assessed to a common fund for purchasing, building, hiring, or providing, altering or enlarging any workhouse, &c. Power to commissioners to dissolve, add to, or take from any union; and thereupon to make rules adapted to its altered state, &c. Unions are to have guardians elected by a majority of the rate-payers, whose number, duties, and qualifications are to be fixed by the commissioners; but each parish is to have one, and each guardian is to

be elected annually, but may be re-elected. It empowers the commissioners to regulate the relief to able-bodied paupers, and their families out of the workhouse; and relief contrary to their regulations shall be disallowed; but overseers may delay the operation of such regulations, under special circumstances, for thirty days, and make report thereof to the commissioners, &c.

POOR LAW, IRELAND. 2 Victoria, c. 56, July 31, 1838, entitled an act for the more effectual relief of the destitute poor in Ireland, authorises the poor law commissioners for England to carry this act into execution, and to examine witnesses, and to call for papers, &c., upon oath. Administration of relief to the poor shall be under the control of the commissioners, who may make and suspend and rescind all such orders for the government of workhouses, houses of industry, and foundling hospitals, and of the poor therein, and for the guidance and control, appointment and removal of the officers thereof, and for the guidance and control, according to the intention of this act, of all guardians, wardens, and other officers, paid or unpaid, acting in the management or relief of the destitute poor, and for the keeping, examining, auditing, and allowing or disallowing of accounts, and for the making of contracts in all matters relating to such management or relief, or to any expenditure for the relief of the destitute poor, and for carrying this act into execution in all other respects as they shall think proper. One commissioner to reside in Ireland for the execution of this act, when required by the secretary of state.

2 Vic. c. 1, March 15, 1839, amends the act of last session, extends the act to any place in Ireland, whether known as a town land or not; and by s. 2, directs that all cities and towns, &c., with a population exceeding 10,000, may be constituted electoral divisions, and that such electoral divisions may be divided into wards.

POPE, ALEXANDER, one of the most eminent British poets, was born in London, June 1688. When seven or eight years old, he became a lover of books, and early exhibited a taste for poetry. The earliest of his productions was his "Ode on Solitude," written before he was twelve. His pastorals, begun in 1704, first introduced him to the wits of

the time; among which were Wycherly and Welsh. In 1704 he wrote the first part of his "Windsor Forest," though the whole was not published till 1710. In 1708 he wrote the "Essay on Criticism," and in 1712, the "Rape of the Lock." The publication of his "Iliad" was completed in 1720, and soon after his "Odyssey." His "Essay on Man" was completed in 1734. He died May 30, 1744. "Of his intellectual character," says Dr. Johnson, "the constituent and fundamental principle was good sense, a prompt and intuitive perception of consonance and propriety. He saw immediately, of his own conceptions, what was to be chosen, and what to be rejected; and, in the works of others, what was to be shunned, and what copied."

POPE, SIR THOMAS, founder of Trinity College, Oxford, born 1508, died 1588.

POPERY, a term frequently applied to the doctrines and practices of the church of Rome, on account of the supremacy claimed by the bishops of Rome. Their power began about 606, when the emperor first confined the title to them. It was carried to its highest pitch under Gregory VII., and his successors from 1013 to 1500. See **GREGORY VII.**; **PIUS VII.**; and **CHURCH OF ROME**.

POPULATION of England is taken by a census every ten years. See **CENSUS**.

Population of England and Wales during the present century.

Year.	No. of persons.
1801	9,168,000
1811	10,502,500
1821	12,218,500
1831	14,594,500

SCOTLAND.

1801	1,652,400
1811	1,865,900
1821	2,135,300
1831	2,365,807

IRELAND.

1821	6,846,949
1831	7,767,401

THE METROPOLIS.

1801	900,000
1811	1,050,000
1821	1,274,800
1831	1,474,069

The total population of England, Wales, Scotland, and Ireland in 1831,

was 24,027,782. Grand total of Great Britain, &c., and her Colonies, in the year 1832, 138,704,589.

The population of the world is estimated (by Balbi 1826) as follows:—

Europe	227,700,000
Asia	390,000,000
Africa	60,000,000
America	39,000,000
Oceanica	20,300,000

PORCELAIN. See **CHINA WARE**.

PORLIER, JUAN DIEZ, Spanish general, having been condemned to a year's imprisonment in the castle of Antonio, by Ferdinand VII., revolted, and entered Corunna with an armed force, Sept. 18, 1815. Apprehended by treachery, Sept. 22. Tried by court-martial, and suffered death by the cord, Oct. 3, following.

PORPHYRY, or PORPHYRIUS, a celebrated Platonic philosopher, and an inveterate enemy to the christian faith, was born at Tyre, A.D. 233, in the reign of Alexander Severus. His treatises against christianity are now lost. Many of them were extant in the fifth century, and were known to Jerome, who made large extracts from them. Porphyry died at Rome, in the reign of Dioclesian, about A.D. 303.

PORSON, RICHARD, an eminent scholar, was born Dec. 25, 1759. He was sent to Eton in 1774, where he displayed great superiority of intellect, and facility in the acquirement of his lessons. About the close of the year 1777 he was entered at Trinity college, Cambridge, and in every branch of study to which he applied, his progress was so rapid as to astonish every observer. In 1791 he was elected Greek professor at Cambridge, by a unanimous vote of the seven electors. In 1793 he published a beautiful edition of Heyne's Virgil, to which he prefixed a short preface. On the establishment of the London Institution he was elected the principal librarian. He died Sept., 1808, in his 49th year. "Professor Porson is generally allowed to have been the first Greek scholar of the age in which he lived. Few, if any, even among those familiar with literary pursuits, combined so much solidity of judgment, with acuteness in discovering the corruption of a text, and at the same time restoring the true reading."

PORTA, BAPTISTA DELLA, inventor of the camera obscura, died 1515.

PORT-AU-PRINCE, the capital of Hayti, or St. Domingo, was founded in 1749; since which, with few intervals, it has been the capital of French St. Domingo, as it is now of the entire island.

PORT ESSINGTON, a port and territory of North Australia, situated on the north side of the Cobourg Peninsula. It was examined in the recent survey of Major Campbell, formerly commandant of Melville Island; also by Captain King in 1818, and named by him after Vice-Admiral Sir William Essington. There is no harbour yet known (Port Jackson excepted) to be compared to it in the whole extent of Australia, and it may be entered in safety, as well during the night as by day.

PORT ROYAL, seaport town, island of Jamaica, was destroyed by an earthquake, June 7, 1692; by a fire in 1703; and by a hurricane, Aug. 28, 1722; again by storm, Oct. 20, 1744 and 1784; by a fire, July 13, 1815.

PORTER, MARIA ANN, the novelist, died 1832.

PORTEUS, BEILBY, a distinguished prelate of the church of England, was born at York in 1731. He entered at Christ's College, Cambridge, where, in 1752, he was admitted to the degree of bachelor of arts. His earliest prose publication was a sermon preached before the university of Cambridge in 1761, entitled "The Character of David, king of Israel, impartially stated," to which the future fortunes of Mr. Porteus may be attributed, for it obtained for him the patronage of Dr. Thomas Secker, archbishop of Canterbury. He, on every occasion, pleaded the cause of the Negro slaves, was a warm friend to the instruction of the poor, and everywhere encouraged the establishment of Sunday-schools. Upon the death of Bishop Lowth in 1787, Dr. Porteus was translated from the see of Chester to that of London. He died in May, 1808, in his 78th year.

PORTEUS, CAPTAIN, whose death is known in Scottish history as forming the foundation of Scott's tale, "The Heart of Midlothian." While attending an execution at Edinburgh, apprehending a rescue, he ordered the soldiers to fire, April 14, 1736; was accused of murder, and convicted, but respited by Queen Caroline, June 22; was put to death by the mob at Edinburgh, Sept. 7.

PORTLAND ISLE, nearly opposite Weymouth, noted in history as the scene of several important transactions. In 787 a party of the Danes landed here, and put to death the governor, Gerela. In 1052 it was again seized upon and plundered by Godwin, the banished earl of Kent. Its castle, in 1142, was taken possession of by Robert earl of Gloucester, in the name of the Empress Maud. The present fortress was erected by Henry VIII. In 1665 the great pier was entirely demolished, and the channel filled up with rubbish, and nearly 100 yards of earth slid into the sea. In December, 1734, about 150 yards on the east side of the isle gave way, and fell into the ocean. But the greatest slide occurred in 1792, the extent of ground that moved being a mile and a quarter from north to south, and 600 yards from east to west.

PORTO BELLO, seaport town, republic of Columbia. In 1739 Admiral Vernon, with six ships, entered the harbour, and made himself master of the place, after demolishing the forts; but it has since been strongly fortified.

PORTO RICO, island, West Indies, the smallest of the greater Antilles, has suffered much from hurricanes; those of 1742 and 1825 having been particularly destructive. Since the breaking up of the old Spanish colonial system, the progress of Porto Rico has been most rapid. The population in 1778 was estimated at 80,650, in 1827 to 288,473, of which only 28,408 were slaves.

PORTO SANTO, island, Atlantic Ocean, near Madeira, frequented for the purpose of repairs and refreshments, by ships passing to and from India. It was discovered by Vaz and Zarco, Portuguese, in 1418.

PORTSEA, ISLAND OF, in the 10th century was part of the royal demesnes. It was subsequently transferred to Winchester college, the warden and fellows of which still hold much of the land.

PORTSMOUTH, seaport, county of Southampton, an ancient borough; which together with the modern town of Portsea, are situated near the south-western extremity of the island of Portsea. Edward IV. erected fortifications for the defence of this port; Richard III. made additions to them; Edward VI. improved the fortifications, and for the defence of the harbour erected a town on each side of the entrance, from which might be

extended a vast iron chain, which was raised on the appearance of a French fleet in the channel during the American war. The works for the defence of this place were extended and improved by Charles II. and his successor, and also by William III. ; but, especially since 1770, vast additions of various descriptions have taken place, which have rendered the united towns of Portsmouth and Portsea one of the principal naval arsenals of the kingdom. On the platform battery was erected, in 1823, a semaphore, or improved species of telegraph, by which intelligence may be transmitted to the Admiralty, London, in three minutes. In the royal Dockyard is the Royal Naval College, founded in 1720, for the education of young gentlemen intended for the sea-service.

PORTUGAL, the most westerly kingdom of Europe ; from its maritime advantages was known to the Phœnicians, and Carthaginians ; and, following the fortunes of Spain, was, after a long struggle, reduced to a province by Augustus. It continued so till the fifth century, when it was invaded by tribes of Alani, Suevi, and Visigoths. The Moors overran the greater part of Portugal early in the eighth century ; but the mountainous nature of the country favouring the inhabitants, the northern part was soon recovered ; and in 1093, Henry duke of Burgundy obtained the sovereignty of that part of Portugal that was in the hands of the Moors. His son and successor assumed the title of king in 1139.

In the 13th century the Moors were expelled from the south of the kingdom ; and in the 14th the Portuguese made occasional descents upon the coast of Africa. In 1497 Vasco de Gama succeeded in doubling the Cape of Good Hope, and reaching the coast of Malabar ; and for many years the navigation by the Cape was considered the exclusive property of the Portuguese. Brazil was colonised about the middle of the 16th century ; and in 1580 Philip II. of Spain united the crown of Portugal to his own. In 1640, however, a successful insurrection led to the expulsion of the Spaniards, and the crown of Portugal was conferred on the duke of Braganza, in whose family it has remained. The following are the kings and queens from this time : John IV., whose reign began 1640 ; Alphonso 1646 ; Peter II. 1683 ; John V. 1706 ; Joseph 1750 ;

Mary, the late queen, 1777 ; John VI. 1816.

In 1807 the king, John VI., and the royal family, removed to Brazil, a French army occupying Lisbon. After the expulsion of the French from Portugal, and the general pacification of Europe (1814), the king returned ; but this country continued to be the scene of internal discord, chiefly through the machinations of Don Miguel, the youngest son of John VI., who, after the death of his father in 1826, assumed the reins of government, which he exercised in the most cruel and despotic manner for several years. In 1828, the young queen Donna Maria, daughter of Don Pedro, eldest son of John VI., arrived from Brazil. After touching at Gibraltar, the royal suite proceeded to England, where her majesty was received with the respect due to her rank. The year 1830, and following year, witnessed in Portugal little diminution of the tumult and disorder which had characterised hitherto the reign of Miguel.

In 1832 Don Pedro arrived from Brazil, and Portugal became the scene of a civil war, maintained by two opposite parties, at the head of which were the two brothers ; Don Pedro maintaining the right of his daughter, and Miguel feebly supporting his usurpation. In the beginning of 1833 Don Pedro, as regent for his daughter, confined himself within the walls of Oporto, at the head of his army of foreign adventurers and volunteers, with whom he was supplied from France and Great Britain ; but on June 21 a large division of the army on board the fleet, landed in the Algarves, the most southern province of the kingdom. The troops were well received by the people, and the young queen was proclaimed amid loud acclamations. On July 24 she was also proclaimed at Lisbon ; and Don Pedro, as regent, sailed from Oporto to assume the government. Great Britain and France immediately acknowledged Donna Maria, who arrived at Lisbon on September 23. Before the month of May, 1834, all Portugal had submitted to the queen's government. May 26, a convention was signed by which Don Miguel was compelled to leave Portugal within 15 days, and engage never to return to any part of the Spanish provinces, or the Portuguese dominions ; nor in any way concur in disturbing the tranquillity of those

kingdoms. On June 2, he went on board a British vessel of war, which carried him to Genoa.

The civil war being brought to an end, and the authority of the queen acknowledged all over the kingdom, Don Pedro issued a decree, convoking an extraordinary meeting of the cortes, to assemble on Aug. 15, by whom the regency of Don Pedro was renewed without restriction; but he died on Sept. 22. On Dec. 1, the marriage of the queen to the duke of Leuchtenberg was celebrated at Lisbon; also a bill to exclude Don Miguel and his descendants from the throne of Portugal was passed by the deputies without one dissentient voice, and received the sanction of the peers.

1835. Death of the queen's husband, March 28. The queen's second marriage with the prince of Saxe-Coburg, Dec. 7. In 1836, a military insurrection took place at Lisbon, Sept. 9; the queen was compelled to proclaim the constitution of 1822. Protest of the peers against the forced constitution, and attempt at a counter-revolution, Nov. 1; proposals on the part of the court to modify the revolutionary charter, which were accepted.

1840. Insurrection of the military at Lisbon; suspension of the laws for protecting individual liberty and the liberty of the press; the soldiers suspecting that their leaders were about to desert them, shot their commander, and laid down their arms in submission to the queen's forces, at the end of the month. The same year disputes with Spain commenced.

POST, or POST-OFFICE. Regular posts or couriers were instituted at a very early period, for the safe, regular, and speedy transmission of public intelligence. In Persia, men and horses were kept at certain stations along the public roads; and the despatches being given to the first courier, were by him carried to the second, and so on, with an expedition that neither snow, nor rain, nor heat, nor darkness, could check. A similar institution, under the name of *Cursus Publicus*, was established at Rome by Augustus, and was extended and improved by his successors.

Posts were established, for the first time in modern Europe, in 1477, by Louis XI. They were originally intended to serve merely as the ancient posts, for the conveyance of public despatches, and

of persons travelling by authority of government. Subsequently private individuals were allowed to avail themselves of this institution; and governments, by imposing higher duties or rates of postage on the letters and parcels sent through the post-office, have rendered it productive of a considerable revenue.

The post-office for the general conveyance of letters, &c., was established in England in the reign of Charles I., who erected a letter-office for England and Scotland in 1635; but this extended only to a few of the principal roads, and did not succeed. At length, an establishment for the weekly conveyance of letters to all parts of the kingdom, was instituted in 1649, by Mr. Edward Prideaux, attorney-general for the Commonwealth; the immediate consequence of which was, a saving to the public of £7000 a-year on account of post-masters. In 1657, the post-office was established nearly on its present footing, and the rates of postage that were then fixed were continued till the reign of Queen Anne.

So late as 1784 mails were conveyed either on horseback, or in carts made for the purpose, which accomplished the journey between London and Bath in 17 hours. About this time Mr. John Palmer, of Bath, comptroller-general of the post-office, suggested the plan of contracting with the proprietors of the coaches for the carriage of the mail; the latter being bound to perform the journey in a specified time, and to take a guard with the mail for its protection. Mr. Palmer's plan encountered much opposition, but was at length carried into effect. On August 2, 1784, the first mail-coach left London for Bristol; others to different parts followed, and, before many days had elapsed, it became evident that the plan would be successful. For the nine years ending 1774, the average net amount of revenue had been £162,534 6s.; for the nine years ending 1783 (prior to the commencement of the new system), the net amount was only £149,333 18s., showing a decrease of £13,198 13s. In 1793 the net revenue was £391,508; and in 1797 it was £541,833. Up to that period not a single robbery of the mails had taken place. The number of newspapers carried free had increased from 2,000,000 to 8,000,000. The rates of postage were

raised in 1784 to 2*d.* for the letters, which had been previously 1*d.*, 3*d.* for those which had been 2*d.*, and so on generally through the scale. In the same year the Irish post-office was established independent of that of England, but the two have been now for several years consolidated.

In 1795 the abuses of franking attracted the attention of the legislature; franked letters were now only to carry one ounce, and they were only to pass free when posted within 20 miles of the place where the members concerned were on that or the preceding day. No more than ten were to be sent, or 15 received daily. Two years after, by 37 George III., the rates of postage were again raised, an additional 1*d.* being levied upon the lower priced classes of letters, 2*d.* on the higher. In 1799 the post-master was empowered to send foreign letters by any vessels; to charge 4*d.* upon ship letters received, for which the shipowner was to be allowed 2*d.* In 1801 the rates of the higher priced classes of letters were considerably increased: 8*d.* had been hitherto the maximum, even for distances of 500 miles; the maximum was now made 1*s.* In 1805 an additional 1*d.* was charged upon all classes of letters; and again in 1812 on all but the two or three lowest priced classes. In 1816 the gross revenue amounted to £2,418,741, the charges of collection of which amounted to £704,639, leaving a net revenue of £1,619,196, since which time no material increase has taken place. The total net produce in the year 1838 was £1,659,511.

TWO-PENNY POST. The establishment of a post for the delivery of letters in London, originally at 1*d.*, arose from the enterprise of a private individual (Mr. William Dowckra) about the close of the Protectorate. It was extended to the towns and villages round London on the application of the inhabitants, who voluntarily agreed to pay an additional penny on the receipt of their letters. The charge of this additional penny was not authorised by law till 1727. The penny post became a two-penny post in 1801, under the 41 Geo. III. c. 7; and in 1805 the postage on letters delivered beyond the limits of the city of London, Southwark, and Westminster, was advanced to threepence. In 1831 the boundaries of the twopenny post were extended to include all places

within three miles of the general post-office; and, in 1833, the boundaries of the threepenny post were extended to places not exceeding 12 miles.

GENERAL REDUCTION OF POSTAGE. A commission of inquiry having been appointed at the suggestion of Mr. R. Hill and others, supported by numerous petitions, they gave their judgment in 1838, that the evidence taken before them proved the high rates of postage to be injurious to all classes, produced serious injury to commerce, and, consequently, to national prosperity. This gave rise to the act 2 and 3 Victoria, c. 52, 1839, for the further regulation of the duties on postage, which enacts that the rates of inland postage shall be reduced to one uniform rate of a penny on every letter of a given weight; and that meanwhile a temporary power shall be given to the lords of the treasury till October 5, 1840. In pursuance of this, their lordships directed that all letters posted on or after the 5th of December 1839 should be subject to the following regulations:—Letters not exceeding half an ounce, one postage, at the former rate; ditto, one ounce, two postages; ditto, two ounces, four postages; ditto, three ounces, six postages; and so on, adding two postages for every ounce up to 16 ounces; beyond which no packet subject to postage should be received.

1840. The uniform penny postage came into full operation Jan. 10. An act was passed, 3 and 4 Vic. c. 96, Aug. 10, entitled "An act for the regulation of the duties on postage." By this the price of a postage must be prepaid, either by money or the use of a stamp, or it will be charged double; and if the weight of the letter should exceed the value of the stamp attached, the excess will be charged double: thus, a letter weighing more than half an ounce, but not exceeding an ounce, if bearing one penny stamp only, will be charged an additional twopence on delivery. Stamps, covers, and envelopes, are to be purchased at every post-office, as well as at most stationers; the covers and envelopes at 1¼*d.* each. There are also stamps, covers, and envelopes for a double postage, price 2*d.* and 2¼*d.* each. Newspapers, to go the same day, must be put into the general post office before six o'clock; but those put in before half-past seven o'clock will go the same evening by paying a half-penny with each. The uniform single

rate on all letters conveyed by packet between the United Kingdom and the British colonies and possessions to be one shilling, with the exception of letters between the United Kingdom and Malta.

1841. The penny postage, which it was feared would not pay its expenses, yielded £441,000 net revenue the first year of its establishment.

NEW POST-OFFICE. This elegant building, erected under the direction of Mr. Smirke, architect, was 14 years in completion, dating from the time of the passing of the act in 1815. Much of this period was consumed in the purchase and removal of the houses which were crowded upon its site. It is 389 feet long, 130 wide, and 64 high, standing in an inclosed area of irregular figure, of very scanty dimensions, at the junction of St. Martin's-le-Grand with Newgate-street, in a situation as central and perhaps as convenient to the metropolis as possible. The edifice is externally of Portland stone. The façade of St. Martin's-le-Grand is the only one in which there is any architectural display; and this is confined to three porticos of the Ionic order, one at each end of four columns, and one in the centre of six; the last surmounted by a pediment. On the frieze over the column is the inscription, "Georgio Quarto Rege, MDCCCXXIX."

POTASSIUM, the metallic base of potash, was discovered by Sir Humphry Davy in 1807.

POTATOES, the roots of the *solanum tuberosum*, of innumerable varieties. Some authors affirm that this plant was first introduced into Europe by Sir John Hawkins, in 1545; others that it was introduced by Sir Francis Drake in 1573; but this is supposed to have been the sweet potato (*convolvulus battatas*). The common potato was first brought here from Virginia by Sir Walter Raleigh; who, on his return homeward in the year 1623, stopping at Ireland, distributed a number of potatoes in that kingdom. From thence they were brought into England by a vessel wrecked on the western coast, called North Meols, in Lancashire. The Royal Society, March 18, 1662-3, recommended the planting of potatoes in all parts of the kingdom to prevent famine. Previously to 1684 they were raised only in the gardens of the nobility and gentry; but in that year

they were planted, for the first time, in the open fields in Lancashire.

Potatoes were not raised in Scotland, except in gardens, till 1728, when they were planted in the open fields by a day labourer of the name of Prentice, at Kilsyth, who died at Edinburgh in 1792. In Sweden, notwithstanding the indefatigable industry of Linnæus, the culture of potatoes was only introduced in 1764, when a royal edict was published to encourage their general cultivation. The extension of the potato cultivation has been particularly rapid during the last half century. They were introduced into India 60 or 70 years ago, and are now successfully cultivated in Bengal, and have been introduced into the Madras provinces, Java, the Philippines, and China. So rapid an extension of the taste for, and the cultivation of, an exotic, has no parallel in the history of industry; it has had, and will continue to have, the most powerful influence on the condition of mankind.

POTOSI, city, South America, capital of a department of the same name, republic Buenos Ayres, celebrated for its silver mines, is situated on a river also of the same name. The mines were first discovered by an Indian peasant in 1545. In 1547 was founded the town of Potosi; a royal mint was established in 1562; and in 1611 the town contained 160,000 inhabitants; but latterly the mines are much exhausted, and the population has continually decreased. The town was evacuated by the royalists, and entered by the Buenos Ayres army, under General Rondeau, April 5, 1815.

POTSDAM, town, Prussia, near which is the palace of Sans Souci, the favourite retreat of Frederick II., three quarters of a mile to the north-west. It was entered without opposition by the French on Oct. 24, 1805, soon after the fatal battle of Jena. The French carried away with exultation the sword and scarf of Frederick, which he wore during the seven years' war.

POTTER, JOHN, archbishop, author of "Antiquities of Greece," died 1747, aged 73.

POTTER, ROBERT, the translator of "Æschylus," "Euripides," and "Sophocles," died Feb. 1804.

POULTERERS' COMPANY, London, incorporated 1503.

POUSSIN, NICHOLAS, an eminent French painter, was born in 1594, at

Andel, in Normandy. After studying the paintings of the best masters, he went to Rome, where in 1624 he was favoured with the patronage of Cardinal Barberini, nephew of Pope Urban VIII. His fame, and many of his Italian pictures, having reached his native country, Louis XIII. invited him to return, with which, after much hesitation, Poussin complied, and arrived in France in 1640. None of his designs have been more generally admired than that of the "Death of Germanicus." He returned to Rome in 1642, and never more revisited his native country. He died in 1695 in his 72d year.

POWELL, GEORGE, English actor and dramatic writer, died 1714.

POWIS CASTLE, Montgomeryshire, built 1110.

PRÆMUNIRE, STATUTES OF, may be traced to the time of Edward I., who made a law against papal provisions, which was the foundation of them all. 16 Rich. II. c. 15, called by way of eminence, the statute of præmunire, enacts, that whosoever procures at Rome, or elsewhere, any translations, processes, excommunications, bulls, &c., shall be put out of the king's protection, their lands and goods forfeited to the king's use. The penalties of a præmunire were inflicted on some persons for refusing to take the oath of allegiance in the reign of Charles II.

PRAGMATIC SANCTION, a rescript or answer of a sovereign to some college or body of people, upon consulting him on some case of their community. The term is chiefly used among the modern writers, for that famous ordinance of Charles VII. of France, drawn up at Bourges, and published in 1438, containing a regulation of ecclesiastical discipline, conformable to the canons of the council of Basil, since used by the Gallican church, as a barrier against the enterprises and encroachments of the court of Rome. This statute still held in force till the concordat, held between Pope Leo X. and Francis I. in 1517, when the pragmatic sanction was abolished. The most recent ordinances of this nature is the pragmatic sanction of the emperor Charles VI., published April 17, 1713, whereby in default of male issue, his daughters were to succeed in preference to the sons of his brother Joseph I.

PRAGUE, capital of the kingdom of

Bohemia, is an ancient city, and has often been exposed to the calamities of war, particularly in the 15th century, during the troubles excited by the persecution of the Hussites. In 1620, a memorable battle was fought on the White mountain, about two miles from this city, between the imperialists and Bohemians, in which the latter were defeated. In 1757 Prague underwent a siege and heavy bombardment, until relieved by the defeat of the Prussians at Kollin.

PRATT, poet, and author of "Gleanings," &c., born 1749, died Oct. 4, 1814.

PRAXITELES, a celebrated Greek sculptor, who flourished about A.C. 360, at the time of the reign of Alexander the Great. Many of his performances were in the Ceramicus of Athens, among the rest of the statues of Harmodius and Aristogiton, which Xerxes carried away, and Alexander afterwards restored.

PRESBURG, town, Hungary, was declared by a royal decree of 1536 the capital of Hungary, but the viceroy and palatine reside in the more central situation of Buda. A treaty was concluded here between France and Austria, after the short but eventful campaign of 1805.

PRESBYTERIANISM, the established discipline of the church of Scotland, was introduced there as soon as it began to assume a regular form, about 1560. See **CHURCH OF SCOTLAND**, p. 284. In 1580 the general assembly declared diocesan episcopacy to be unscriptural and unlawful.

The first presbyterian church in England was established at Wandsworth, near London, in 1572; and others were afterwards formed in neighbouring counties. Under the commonwealth in 1649, the Presbyterian government was declared by the house to be the established form; it continued under the protectorate of Oliver Cromwell, and till after the restoration of Charles II., when episcopacy was re-established.

PRESTER, or **PRESBYTER, JOHN**. See **ABGILLUS**.

PRETENDER, JAMES FRANCIS EDWARD, eldest son of James II., of England, born June 10, 1688; married, 1719, Mary Clementina, grand-daughter of John Sobieski, king of Poland, and died Jan. 1, 1766.

PRETENDER, THE YOUNG, CHARLES EDWARD, son of the Pretender, commonly called the Chevalier

St. George, born Nov. 31, 1720, died Jan. 31, 1788, without male issue.

PRICE, DR. RICHARD, a distinguished writer and divine, was born at Tynton, in Glamorganshire, in 1723. At the request of Mr. Pitt, he proposed the sinking fund for liquidating the national debt, which was established in 1786. He died on the 19th of March 1791.

PRIDEAUX, DR. HUMPHREY, historian and writer, was born at Padstow in Cornwall, in 1648. In 1715 he published his most celebrated work, entitled "The Old and New Testament, connected in the History of the Jews and neighbouring Nations." He died Nov. 1, 1724, in his 77th year.

PRIESTLY, DR. JOSEPH, a distinguished philosopher and divine, was born March 24, 1733, at Field-head, near Leeds. His history of electricity made its appearance at Warrington in 1767. About 1768 he was chosen pastor of a large and respectable congregation of protestant dissenters at Leeds, where his attention was first excited to the properties of fixed air. The first of Dr. Priestly's publications on pneumatic chemistry was in 1772, announcing a method of impregnating water with fixed air. In 1774 he made a full discovery of dephlogisticated air, which he procured from the oxides of silver and lead. In 1778 Dr. Priestly pursued his experiments on the properties of vegetables growing in the light to correct impure air, and the use of vegetation in this part of the economy of nature. From this time till his death he was the author of numerous works, both on experimental philosophy and in favour of the Socinian controversy. He chose for his abode the vicinity of Birmingham, as the residence of several men of science, and the artificers necessary to the carrying on of his experiments. The celebration of the anniversary of the destruction of the Bastile, by a public dinner on July 14, 1791, gave the signal for those well-known riots in Birmingham, which did irreparable injury to the town, and by which his house, library, manuscripts, and apparatus, were made a prey to the flames. In 1794 he took leave of his native country, and embarked for North America, where he was received with great respect. He died at Philadelphia, Feb. 6, 1804, in the 71st year of his age.

PRINCE, JOHN, English historian, born 1643, died 1723.

PRINCE EDWARD'S ISLAND, British North America, formerly called St. John's, situated in the Gulf of St. Lawrence. It was discovered by Cabot, in 1497, being the first land seen after his departure from Newfoundland. In 1758 it was taken possession of by the English, and at the conclusion of the peace in 1763, annexed to the government of Nova Scotia.

PRINGLE, THOMAS, poet and philanthropist, editor of "Blackwood's Magazine," during the first six months of its existence, and for many years secretary to the London Anti-Slavery Society, died in London, Dec. 5, 1834.

PRINTING was early practised by the Chinese on wooden blocks, but the art of printing letter-press from types is generally ascribed to John Faust, who invented it at Strasburg in 1440. Metal types were used by John Gottenburgh, of Mentz, 1444, by whom the first book was printed, 1450. The first printers who settled at Rome were Conrad Sweynheim and Arnold Pannartz, who introduced the present Roman type in 1466, in Cicero's "Epistolæ Familiares." The first whole book in Greek was the Grammar of Constantine Lascaris, in quarto, revised by Demetrius Cretensis, and printed by Dionysius Palavisinus, at Milan, 1476. Venice soon followed the example of Milan; and in 1486 were published in that city the Greek Psalter and the "Batrachomyomachia." In 1488 a fine edition of Homer's works at Florence, in folio, was printed by Demetrius, a native of Crete. Aldus has been erroneously supposed to be the first Greek printer; his characters in general were more elegant than any before used, and he printed many valuable works, but they were subsequent to the preceding. He was born in 1445, and died in 1515. The art was brought to England by William Caxton, a mercer of London, 1472. See CAXTON.

STEREOTYPE. An imperfect kind was invented by J. Vander Mey, who resided at Leyden about the end of the 16th century, but the invention was dropped, the process being too expensive. Stereotype plates, on the present principle, were simultaneously invented by Ged and Tilloch from 1725 to 1727, after which Didot, a French printer, published several Latin classics in the same manner, about 1790, and to whom some of his countrymen wished to ascribe the

merit of the invention. About 1800 Mr. Wilson, a printer in London, engaged with Earl Stanhope, for the purpose of bringing the stereotype art into general practice; by this means it was introduced to the two universities, and soon became general. A few years after this, printing machines were introduced which were wrought by steam, and first adopted by the *Times* newspaper, November 28, 1814.

PRIOR, MATTHEW, an eminent English poet, was born at London in 1664. Upon the revolution, he was brought to court by his patron, the earl of Dorset, by whose interest he was introduced to public employment. In 1690, he was made secretary to the earl of Berkley, plenipotentiary to King William and Queen Mary at the congress at the Hague. Being opposed to the Hanoverian succession, in June, 1715, Robert Walpole moved the house against him, and Prior was ordered into close custody. In 1717 he was discharged from his confinement, but withdrew from all public employment. He died in 1721 at Wimple, then a seat of the earl of Oxford. His remains were interred in Westminster-abbey, where a monument was erected to his memory.

PRISCIAN, PRISCIANUS, an eminent grammarian, was born at Cæsarea, and taught grammar and rhetoric at Constantinople, with great reputation, about 525. The grammatical fame of this author may be inferred from the proverbial phrase of "breaking Priscian's head," applied to a violation of grammar.

PRISONS. The subject of the construction and management of prisons has frequently engaged the attention of philanthropists. Howard commenced his career of investigation in 1774. See **HOWARD**. He was followed by Nield, one of his majesty's acting justices of the peace for the counties of Buckingham, Kent, and Middlesex, and for the city and liberty of Westminster, who published in 1812 the result of his observations. The cause of the prisoner, and of society in general, has also more recently found an able advocate in Sir F. Buxton, who inspected many of the prisons, and gave to the world the result in 1818, in his "Inquiry, whether Crime and Misery are produced or prevented, by our present System of Prison Discipline. Illustrated by Descriptions of the Borough Compter; Tothill Fields;

the gaols of St. Alban's, and at Guilford; the gaol at Bury; the Maison de Force at Ghent; the Philadelphia Prison; the Penitentiary at Milbank: and by the Proceedings of the Ladies' Committee at Newgate." Mr. Gurney describes the state of the gaols of Scotland, derived from the benevolent tour of inspection, undertaken by him in the summer of 1818. About the same time a warm interest began to prevail in Ireland, principally through the exertions of the Dublin Association for the Improvement of Prisons, formed in 1818, under the patronage of the Right Hon. Charles Grant.

The improvement of the prisons and of the prison laws, has formed the subject of some important legislative enactments, among which an act extending the abolition of gaol-fees to Ireland, is of signal importance. The following, of more recent date, have also in view the benevolent object of ameliorating the condition of the prisoners.

5 and 6 Will. IV. c.38, Aug. 25, 1835, "An act for effecting greater uniformity of practice in the government of the several prisons in England and Wales; and for appointing inspectors of prisons in Great Britain." The latter are appointed by one of her majesty's principal secretaries of state, to inspect all books and papers relating to gaols, to make a separate report in writing of the state thereof, and transmit the same to one of the principal secretaries of state; and a copy thereof shall be laid before parliament within 14 days.

6 and 7 Will. IV. c. 51, August 31, 1836, is applied to the prisons of Ireland. The grand jury of the county of the city of Dublin are empowered to appoint a board of superintendence, as in other counties, under the 7 Geo. IV. c. 74; and by sect. 7, the provisions of that act with respect to the support of poor prisoners, are extended to prisoners confined in the Marshalsea, Dublin.

1 Victoria, c. 76, August 4, 1838, enables her majesty in council, and the governor and council of any colony, to make rules for the government of the prisons of each colony in the West Indies; empowers her majesty to appoint or to authorise the governor to appoint inspectors of prisons, who are not to be obstructed in their office, under a penalty of £20. No person shall be imprisoned in any prison which the governor shall have certified to be unfit.

PRITCHARD, Mrs., celebrated actress, died 1769.

PRIVY-COUNCIL, in ancient times, was about 12. Afterwards it increased to so large a number, that it was found inconvenient for secrecy and despatch; and therefore Charles II., in 1679, limited it to 30. By the act of settlement, 12 and 13 Will. III. c. 2, it is enacted, that no person born out of the dominions of the crown of England shall be capable of being of the privy-council. To prevent the inconvenience of having no council in being at the accession of a new prince, it is enacted, by 6 Ann. c. 7, that the privy-council shall continue for six months after the demise of the crown, unless sooner determined by the successor.

PROCLUS, the platonist, died A.C. 500.

PROCLUS, the theologian, died A.C. 445.

PROCOPIUS, author of the "History of the Reign of Justinian," flourished A.C. 600.

PROCTUS, platonic philosopher, born 410, died 485.

PROME, town, kingdom of Ava, on the Irawady river, was captured by the British in 1825, during the Burmese war. On this occasion, the houses and property of the natives who had fled were taken care of, and proclamations issued, inviting them to return; so that it soon recovered from the devastating system of the Burmese leaders.

PROMETHEUS, the son of Japetus, supposed to have been the first discoverer of the art of striking fire by flint and steel, which gave rise to the fable of his stealing fire from heaven. He flourished about A.C. 1687.

PROMISSORY NOTES, subject in general to the same regulations as bills of exchange. See **BILLS**.

PRONY, BARON DE, one of the most distinguished engineers of France; and one of the most voluminous writers of the present age, generally upon mathematical and other subjects connected with his professional pursuits. He died 1839.

PROPAGATION OF THE GOSPEL, society for. See **MISSIONS**, p. 653.

PROPERTIUS, author of "Elegies," died A.C. 16.

PROPERTY TAX. See **INCOME TAX**.

PROPYLEUM, at Athens, built A.C. 432.

PROTAGORAS, Greek sophist, origi-

nally a porter, born at Abdera, flourished A.C. 620.

PROTECTORATE. That of the earl of Pembroke began October, 1216, at the death of Henry III.; ended by his death the same year. Of the duke of Bedford, began 1422 at the death of Henry VI.; ended by his death, Sept. 1435. Of the duke of Gloucester, began April, 1483, at the death of Edward V.; ended by his assuming the royal dignity, June, 1483. Of Somerset, began 1547, at the death of Edward VI.; ended by his resignation, 1549. Of Oliver Cromwell, began Dec. 1643, at the death of Charles I.; ended by his death, 1658. Of Richard Cromwell, began 1658; ended by his resignation, April, 1659.

PROTESTANTS, a name first given in Germany to those who adhered to the doctrine of Luther; because, in 1529, they protested against a decree of the emperor Charles V., and the diet of Spire. They were tolerated in Germany 1624; in Bohemia 1707; in Hungary 1784; in France 1792; in Portugal 1801. See **REFORMATION**.

PROTOGENES, a celebrated ancient painter, was born at Caunas, a city of Caria, subject to the Rhodians, and flourished A.C. 300. The finest of his pictures was that of Jalisus. This picture saved the city of Rhodes when besieged by Demetrius, king of Macedon; being able to attack it only on that side where Protogenes worked, he chose rather to abandon his design than to destroy so fine a piece.

PROVIDENCE, or **OLD PROVIDENCE**, island, Carribean sea, West Indies, in former times was much noted as the haunt of the Buccaneers, who long infested that part of the New World. See **BUCCANEERS**. In 1664, when the Spaniards were in quiet possession of the island, Mansvelt, celebrated alike for his daring and crimes, took this island, considering it well adapted for the headquarters of the lawless band of which he was the leader. At his death, Morgan assumed the command, and took possession of it in December, 1670. After this, little mention is made of the island till 1795, when a few families from Blewfields, on the Mosquito coast, settled, by permission of the Spaniards. From this time it remained quite tranquil, until the arrival of an adventurer named Aurey in 1817-18; when the South American colonies, separating from the

mother country, presented an opening for privateering, he established a government, repaired the principal fort, and his vessels, commanded by adventurers like himself, annoyed the Spanish trade very successfully. At his death in 1821-2, the privateers dispersed, and the island resumed its present quiet state under the republic of Granada. It was examined at the government survey of the eastern coast of Central America, and of the island and quays adjacent, under the direction of Captain Owen, in 1835, when his majesty's schooner, Jackdaw, was wrecked on the morning of March 11.

PROVISIONS, PRICE OF, at different periods, as follows:—A fat ox 12*d.*; sheep 4*d.*; provender for 20 horses 4*d.*; bread for 100 men 12*d.*, 1177. Wheat 12*d.* the quarter; beans and oats 4*d.*, 1216. Goose 4*d.*; lamb at Christmas 6*d.*, all the rest of the year 4*d.*; two pullets 1½*d.*, 1299. Wheat 30*s.* the quarter, 1315. Wine 20*s.* the tun, 1316. Barley 1*s.* the quarter, 1317. Wheat 1*s.* the quarter; malt 16*d.*, 1454. Wheat 3*s.* the bushel, 1486. Wheat 20*d.* the bushel, 1491. Wheat 15*s.* the quarter, 1527. A barrel of beer, with a cask, 6*d.*; and four great loaves for 1*d.*, 1553. Wheat 14*s.* the quarter, 1558, and £6 in 1726. Flour 10*s.* the bushel, 1596, and 18*s.* in 1796. Living seven times cheaper in 1066; six times cheaper 1381; ten times cheaper in 1403; four times cheaper in 1440; three times and a half cheaper in 1498; near five times cheaper in 1500,—than in 1796.

PRUSSIA, kingdom, Europe. This territory was anciently possessed by the Venedi, whose kings were descended from Athirius, first king of the Heruli, on the Baltic, A.C. 320. The Venedi were conquered by the Borussi, who inhabited the Riphæan mountains; thence the country was called Borussia, or Prussia, which was subdued by the Mercian knights sent by the emperor Frederick II., A.D. 1215.

The royal house of Prussia originally held only the office of burg-grave, or governor of the castle of Nuremberg. This office they found means to render hereditary, and to succeed in 1248 to the principality of Bayreuth and Anspach. One of their number, purchased in 1417 from the reigning emperor, the marquise of Brandenburg, with the rank of elector. In 1473 it was agreed that the marquise should remain undivided; a

determination which led to the subsequent greatness of the house.

The Teutonic knights, the masters of Prussia Proper, being engaged in a military contest with Poland, Albert, margrave of Brandenburg, grand-master of the order, in 1525 concluded a treaty with Poland, by which he obtained East Prussia as a hereditary duchy for his family. About 1620 a further accession was obtained by inheritance, viz. the duchy of Cleves, and the counties of Mark and Ravensberg. Frederick William, elector of Brandenburg, adhered faithfully to the protestant cause, and at the peace of Westphalia, in 1648, obtained the bishoprics of Minden, Halberstadt, and Magdeburg. His successor, a weak and vain prince, directed all his efforts towards obtaining from the emperor the royal dignity, in which he at last succeeded in 1700, as Frederick I. He died in 1713.

His son Frederick II., surnamed the Great, ascended the throne in 1740; he invaded Silesia, and after an eventful but in general successful contest, he obtained, in 1745, the cession of this valuable province; by which, with preceding acquisitions, the kingdom was established. In 1756 a coalition was formed that threatened the total overthrow of the Prussian monarchy. It was then that his personal abilities, the discipline of his army, and the financial aid of England, were the means of saving his kingdom. He died in 1786. His successor, Frederick William II., sometimes called Frederick IV., in the part which he took in the war with the French republic, by no means added to the reputation of the Prussian arms.

Frederick William III., the late king, came to the crown in 1797, and acted for several years in concurrence with France. At last, in 1806, war against France was determined on, and the army led to the western frontier. The result was the battle of Jena; the capture, in succession, of almost every corps of the army; the loss of the capital; and, soon after, of every province of the kingdom except Prussia Proper. The peace of Tilsit restored little more than half the Prussian states; during six years all the calamities attendant on foreign occupation were accumulated on this kingdom. This roused them to arms in 1813; their courage was displayed in Silesia, next in Saxony, and finally in Champagne. By

the peace of Paris in 1814, confirmed by that of 1815, the territory and powers of this kingdom were consolidated. Although Prussia lost some of its acquisitions in Poland, &c., it received an ample equivalent in Saxony and the Lower Rhine, &c. Frederick William III. died June 7, 1840. See FREDERICK WILLIAM.

PRUSSIAN BLUE, a well known blue pigment obtained from a combination of prussic acid with iron. It was discovered by accident in 1709. Bergman, in 1775, first ascertained that this colouring matter was a peculiar acid; but its nature and composition were first explained by Scheele in 1782.

1839. The gold isis medal was awarded by the Society of Arts to Mr. Lewis Thompson, of Lambeth, for an improved mode of manufacturing Prussian blue. In the usual mode the requisite carbon and nitrogen are obtained by decomposing animal matter in contact with potash. Mr. Thompson conceiving that the atmosphere might be made to supply, in a very economical manner, the requisite nitrogen, if allowed to act on a mixture of carbon and potash under favourable circumstances; the experiment proved correct, for the carbonaceous matter employed may be worked over again many times, and is even improved by each operation. By the former method six ounces of pearlash, containing 45 per cent. of alkali, yielded only 295 grains of Prussian blue; while one pound of the same pearlash, by his method, yielded 1355 grains.

PRYNNE, WILLIAM, a learned English lawyer and antiquarian, distinguished in the civil commotions under Charles I., was born at Swanswick in Somersetshire in 1600. In 1632 he published an elaborate work, entitled "Histrio-matrix." This book containing some reflections that offended the court, he was sentenced by the star-chamber to pay a fine of £5000, to stand in the pillory, to lose his ears, and to perpetual imprisonment. During his confinement, he wrote several other books; particularly, in 1636, one entitled "News from Ipswich," which, reflecting severely on the bishops, he was again sentenced by the star-chamber to another fine of £5000, to lose the remainder of his ears in the pillory, and to be branded on both cheeks with S. L. for seditious libeller. In 1640, being set at liberty by the house of commons,

he entered London in a kind of triumph, and was elected into parliament for Newport in Cornwall. Notwithstanding the ill usage he had received, when parliament had become victorious in the civil wars, and in its turn became arbitrary, he used all his influence to promote an accommodation with the king. Being restored to his seat after Cromwell's death, he assisted in promoting the restoration. He died in 1669.

PSALMODY, METRICAL, first introduced by John Huss, Jerome of Prague, the Bohemian brethren, and Martin Luther, and published by them in the German language for the use of the common people. Clement Marot, about 1540, versified and dedicated to Francis I., of France, about 50 of the Psalms. Theodore Beza versified the rest shortly after, and the whole 150 were published at Strasburg in 1545. The first edition of Sternhold's, consisting of 51 Psalms, was printed in 1549, the second in 1553. The entire version of the Psalms was published in 1562.

PTOLEMY, CLAUDIUS, Egyptian astronomer, author of the Ptolemaic system of the universe, was born at Pelusium, about A.D. 70. In his system he has adopted and exhibited the ancient notion, which placed the earth in the centre of the universe. He was also the author of a "Canon of the ancient Kings." See CANON.

PTOLEMY LAGUS, or SOTER, king of Egypt, was brought up to arms, and became one of the most celebrated officers of Alexander the Great, whom he accompanied in all his expeditions. He died A. C. 283, aged 84.

PTOLEMY PHILADELPHUS, son of the preceding, began to reign A.C. 281. He established and augmented the celebrated Alexandrian library, and granted considerable privileges to the Jews, from whom he obtained a copy of the Old Testament, which he caused to be translated into Greek, and deposited in his library. This is supposed to have been the version called the Septuagint. He died A.C. 246.

PUFFENDORF, SAMUEL, a learned historian, was born in 1631 at Fleh, a village in Upper Saxony. In 1660 he published his "Elementa Jurisprudentiæ Universalis," which recommended him to the elector Palatine, who invited him to the university of Heidelberg, where he founded a professorship of the

law of nature and nations. He died in 1694. His works are numerous.

PUGIN, AUGUSTUS, well known to all admirers of the fine arts by his numerous publications relative to architecture. He was a native of France, but may be considered an English artist, having resided in this country upwards of 40 years. He died Dec. 19, 1832.

PULTAWA. See **POLTAVA**.

PUMP. See **AIR PUMP**. Vitruvius ascribes the invention of the common water pump to Ctesibius, an Athenian mathematician, who flourished at Alexandria, A.C. 135.

PUNIC WARS. See **CARTHAGE**.

PUNISHMENTS. See **CAPITAL PUNISHMENTS**, and **CRIMINAL LAW**.

PURCELL, HENRY, an English musician, was the son of Henry and nephew of Thomas Purcell, both musicians, and gentlemen of the chapel royal, at the restoration of Charles II. He sung in the king's chapel till he was 16 or 17 years of age; after this, it appears he had a few lessons in composition from Dr. Blow. At 24 he was advanced to the place of organist of the royal chapel. He produced many admirable compositions for the church and chapel of which he was organist. He was also early in life solicited to compose for the stage, and chamber, in both which undertakings he was greatly superior to all his predecessors. He died in 1695, in the 37th year of his age, and was interred in Westminster-abbey.

PURCHAS, S., author of "Collection of Voyages," born 1577, died 1628.

PURGATORY, in the Romish church, was partly introduced towards the close of the fifth century, and by Gregory the Great in the sixth century; but it was not positively confirmed till about 1140, nor made an article of faith till the council of Trent.

PURIFICATION OF THE VIRGIN, festival of, appointed 542.

PURITAN, an appellation given in the primitive church to the Novatian schismatics, because they would never admit to communion any one who, from dread of death, had apostatized from the faith. About 1556 it was applied to the nonconformists of Great Britain. See **NONCONFORMISTS**.

PURPLE. See **DYING**.

PUTNEY BRIDGE, built 1726.

PYE, HENRY JAMES, poet laureate, died August 11, 1813.

PYM, JOHN, lawyer, born 1584, died 1643.

PYRAMIDS OF EGYPT. According to Herodotus and Diodorus, the first pyramid was erected by Cheops, or Chemmis, a king of Egypt, who employed 360,000 men for 20 years in the structure. Cephren, brother and successor to the former king, is said to have been the founder of the second pyramid; and the third is said to have been built by Mycerinus, the son of Chemmis, according to Diodorus, but according to Herodotus, of Cheops. Greaves places the third king who erected those pyramids in the twentieth dynasty; Cheops having begun his reign A. C. 1266. Cephren, the builder of the second, reigned 56 years; and Mycerinus, the builder of the third, seven years.

The opening of the first pyramid has been long ago effected; it is ascribed to the caliph Mohammed, in the ninth century. The second pyramid, or that of Cephrenes, had defied all attempts to enter it, till the enterprise was recently achieved by Belzoni about 1818.

PYRENEES, a range of lofty mountains, south of Europe, which divide France from Spain. The passages over them are not so difficult as those over the Alps; one of the most frequented is that from Pampeluna to St. Jean de Pied de Port, by which the French, under marshal Soult, marched to attack the British in 1813.

PYRRHO, a Greek philosopher, born at Elea in Peloponnesus, about A.C. 300. A great part of his life was spent in solitude; and he always preserved a settled composure of countenance, undisturbed by fear, joy, or grief. He died about A.C. 288.

PYRRHUS, king of Epirus, began to reign A.C. 295; lost 20,000 men in battle with the Romans, A.C. 280; he was killed by a woman's throwing a tile at him A.C. 272.

PYTHAGORAS, a celebrated philosopher of antiquity, was the son of a lapidary at Samos, and flourished about A.C. 500. He first distinguished himself in Greece at the Olympic games, where, besides gaining the prize, he is said to have excited the highest admiration by the elegance and dignity of his person, and the brilliancy of his understanding. He spent many years in travelling in search of knowledge. He visited Egypt, where he became

acquainted with geometry and the solar system; India, where he acquired a knowledge of the philosophy and literature of the East; and Crete, where he was initiated into the sacred mysteries of Greece. Having thus added to his stores of learning, he returned to Samos, and instituted a school of philosophy. About the beginning of the 59th Olympiad he passed over into Italy, and attempted to establish his school among the colonies of Magna Græcia. His

doctrine raised a powerful party against him, which obliged him to retire to Metapontum, and take refuge in the temple of the Muses, where he died about A.C. 497.

PYTHIAN GAMES, instituted A.C. 1263; revived 591. They were celebrated in honour of the conquest of Apollo over Python, a monstrous serpent, and were observed at first, every ninth year, but afterwards every fifth: the reward was a laurel wreath.

Q.

QUADRANT, an optical instrument, used in astronomy, navigation, &c., said to have been in use before the Christian era. Among the more modern improvements are the following:—Davis's quadrant, commonly called the back-staff, invented about 1590, by Captain John Davis, and formerly much used at sea for taking the sun's altitude and zenith distance. Gunter's quadrant, invented about 1617, by the Rev. Edmund Gunter, B.D., professor of astronomy at Gresham College. Hadley's quadrant, now universally preferred to any other, for making nautical and other observations, ascribed to John Hadley, Esq., who, having laid down the principles of its construction in a clear and vivid manner, first introduced it to public notice in the Philosophical Transactions for 1731.

QUADRUPLE ALLIANCE, the treaty of alliance between Great Britain, France, and the Emperor, signed at London, August 2, 1718. This alliance, on the accession of the states of Holland, was for the purpose of guaranteeing the succession of the reigning families of Great Britain and France, and settling the partition of the Spanish monarchy.

QUAKERS, a peculiar society of Christians, who received this denomination in 1650, from Gervas Bennet, a justice of peace in Derbyshire, partly on account of the exhortation addressed to this magistrate by Fox and his companions, who, when they were called before him, desired him with a loud voice and a vehement emotion of body, "to tremble at the word of the Lord." In 1660 the quakers held their first general meeting, for the care of their poor, and other concerns of the society,

at Skipton in Yorkshire; within a few years after which, meetings for discipline were established throughout England and Ireland, which have been continued annually. About the above period the society received a considerable accession of respectability by the conversion of William Penn and Robert Barclay.

The quakers, as a body, have been long relieved from actual persecution, though they are still involved by their principles in occasional trouble as individuals. Their affirmation was first accepted as an oath 1702; they were first admitted to a seat in parliament Feb. 14, 1833.

QUALIFICATION for members of parliament, act passed 1711; for justices of the peace, act passed 1732.

QUARANTINE, a regulation by which all communication with individuals, ships, or goods, arriving from places infected with the plague, or other contagious disease, is interdicted for a certain definite period. The regulations upon this subject were issued for the first time at Venice about 1484; they have since been gradually adopted in other countries: their introduction into England was comparatively late. Various preventive regulations had been previously enacted; but quarantine was not systematically enforced till after the alarm occasioned by the dreadful plague at Marseilles in 1720. The existing quarantine regulations are embodied in the act 6 Geo. IV. c. 78, and the different orders in council issued under its authority.

QUARLES, FRANCIS, an English poet, was born in 1592, educated at Cambridge, and became a member of Lincoln's Inn. He obtained the place of

cup-bearer to the queen of Bohemia, daughter to James I. ; and upon his return he was appointed secretary to archbishop Usher, in Ireland, from which country he made his escape on the breaking out of the revolution in 1641, after the loss of his property. He died in 1644, aged 52.

QUEBEC, city, British North America, capital of Lower Canada. A settlement was formed here in 1608 by the French. Its progress was slow, owing to the hostility of the Indians. In 1759 Quebec was taken by the English, under the command of the brave General Wolfe, who fell in the engagement ; in 1763 it was ceded, with the rest of Canada, to the conquerors. In 1775 it was attacked by the Americans, under General Montgomery, who was slain, and his army repulsed. The castle of St. Louis, situated on the summit of the rock, was burnt down in 1834.

QUEEN'S TOWN, Canada, taken by the troops of the United States, Oct. 13, 1812. Re-taken by the British the same day.

QUESNE, ABRAHAM DU, admiral of the naval forces of France, and one of the greatest men of the 17th century, was descended from an ancient family in Normandy, and born 1610. In 1682 he was sent with a fleet to awe the piratical states of Barbary ; and in the following year he sailed to Algiers, and bombarded the town. He struck equal terror in the states of Tripoli and Tunis, which were likewise compelled to purchase peace with France by submission. He died in 1688.

QUESNOY surrendered to Prince Frederick, of the Netherlands, June 29, 1815.

QUEVEDO DE VILLEGAS, FRANCISCO, a celebrated Spanish poet, was born at Madrid in 1570. He composed several treatises on religious subjects, and translated some authors into Spanish. He died in 1644, aged 74.

QUICK, JOHN, the celebrated comedian, born in 1748. Before he was 18 he performed Hamlet, Romeo, Richard, George Barnwell, Jaffier, Tancred, and many other characters, in the highest walk of tragedy. In 1798 he quitted the stage, after 36 years of its toils ; and excepting a few nights at the Lyceum, after the destruction of Covent Garden Theatre, he did not again act. He died April 4, 1831.

QUIN, JAMES, a favourite performer on the English stage, was born at London, in 1693, was admitted into Drury Lane company in 1715. In 1720 he displayed his comic powers in the character of Falstaff. He continued a performer at Lincoln's Inn Theatre, where he had engaged himself till 1748, when he retired to Bath, where he died in 1766.

QUINCY, DR. JOHN, eminent English physician, died 1723.

QUINCY, LE MARCQ, French engineer and military author, died 1720.

QUINTILIANUS, MARCUS FABIVS, a celebrated orator among the Romans, was educated under Domitius Afer, who died A.D. 59. He was appointed preceptor to the young princes whom Domitian destined for his successors on the throne. He died about the year 95.

QUIRINI, CARDINAL, the learned traveller, died 1755.

QUITO, city, South America, republic Columbia, was erected into a bishopric in 1545. Earthquakes are not uncommon, and are usually violent ; that of 1775 was very destructive. The great earthquake on Feb. 4, 1797, changed the face of the whole province, and in one instant destroyed 35,000, or 40,000 persons. An insurrection took place here, May 1810, which was suppressed, and 39 persons punished with death ; among whom were four marquesses and counts, eight ecclesiastics, 14 lawyers, and the president.

R.

RAAB, city, Hungary, capitulated to the French, June 24, 1809.

RABELAIS, FRANCIS, a celebrated French writer, was born at Chinon in Touraine about 1483. He went to Rome, in quality of physician to Cardi-

nal John Du Bellay, archbishop of Paris, where his wit much interested the pope and cardinals. In 1537 he took his doctor's degree in physic at Montpellier. He published several works, but his chief performance is "A History of Gur-

gantua and Pantagruel," being a severe satire upon the monks. He died in 1553.

RACES, either on foot, on horseback, or in chariots, &c., were among the ancient Grecian games. Horse-races were known in England in very early times. In the days of Henry II., the citizens of London took great delight in the diversion; and in the reign of Queen Elizabeth they were carried to such excess as to injure the fortunes of the nobility. In 1607 there were races near York, and the prize was a little golden bell. Newmarket was also then a place for the same purpose, though it was first used for hunting. Racing was revived soon after the Restoration, and much encouraged by Charles II., who appointed races for his own amusement at Datchet Mead. Newmarket now became the principal place. The king attended in person, and gave a silver bowl or cup, value 100 guineas. Instead of the cup or bowl, the royal gift is now 100 guineas. Races are regulated by 13 Geo. II. c. 19, and 18 Geo. II. c. 34.

RACINE, JOHN, one of the most distinguished French poets, was born in 1639. In 1664 he brought upon the stage his first tragedy, entitled "La Thébaïde, ou les Frères Ennemis." Between the years 1670 and 1678 he published several plays. His popularity and reputation excited a very strong party against him: and he underwent much chagrin from the artifices of his enemies. Having drawn up a memorial upon the miseries of the people, it so displeased the king, Louis XIV., that he excluded him from the court; this so preyed upon his mind, that he fell into a state of melancholy, of which he died 1699, aged 60.

RADCLIFFE, DR. JOHN, an eminent physician, was born at Wakefield in Yorkshire, in 1650. He completed his studies at University College, Oxford, and took the degree of master of arts in 1672. In 1675 he proceeded bachelor of medicine, and immediately began to practise at Oxford. He continued there, increasing alike in wealth and reputation, until 1684, when, having previously taken the degree of doctor, he removed to London. In 1687 the princess Anne of Denmark, made him her physician. In 1714 he incurred some censure for his treatment of Queen Mary, who died of the small-pox; and he soon after lost the favour of the princess Anne. He died at Carshalton, Nov. 1, the same year.

Dr. Radcliffe has perpetuated his memory by founding a library, which bears his name, at Oxford. This building was finished in 1747, and is a great ornament to the university. From the surplus of the same funds, the trustees erected and furnished the public infirmary, Oxford, called "The Radcliffe Infirmary." Although his manners and conversation were marked by considerable eccentricity, Dr. Radcliffe was the most celebrated physician of his time, and was generally considered the most successful practitioner.

RADCLIFFE, MRS. ANNE, known and admired by the world as the able authoress of some of the best romances that have ever appeared in the English language, was born in 1761. Her principal production was the famous "Mysteries of Udolpho," published in 1793, for which the bookseller gave her £1000. She died Feb. 7, 1823.

RADSTADT. See RASTADT.

RAGUSA, capital of Dalmatia, was founded in the seventh century, and, after being for some time subject to the Roman and Greek empire, became independent, and continued so till Buonaparte made Marshal Marmont Duke of Ragusa.

RAIKES, ROBERT, inventor of the Sunday-school system, died 1811, aged 76. See SCHOOLS.

RAILWAYS, OR RAILROADS. The earliest account of their introduction is about 1670, when they were made use of at Newcastle-upon-Tyne. Early in the present century, there were numerous railways in Derbyshire, Shropshire, Lancashire, and many other parts of the country. The first railway act which received the sanction of parliament, was in 1801, for the incorporation of the Surrey iron railway company. The application of steam, as a propelling force, as a further improvement, was first brought into full operation in the railway, from Liverpool to Manchester, and from the former place to Birmingham. About 1822 a number of gentlemen in Liverpool and Manchester entered into a subscription for the purpose. The plan was suffered to sleep until the year 1824, when it was renewed with increased activity and spirit, and the railway was opened Sept. 15, 1825. The Liverpool and Birmingham railway was projected at a public meeting held at Birmingham in August, 1824.

1841. Since the opening of the Liverpool and Manchester railway, upwards of 1100 miles of railway for the transit of passengers and merchandize, by means of steam power, have been constructed and brought into operation in this country. Nearly the same length is now in progress: the investment of capital in these improvements amounting to £60,000,000. On the chain of railroads connecting London with Birmingham, Liverpool, Manchester, and Preston, which, with the branch to Aylesbury, amounts to an aggregate length of 260 miles, the total receipts from about July 1, 1839, to June 30, 1840, were £1,467,562 19s. 8d.; the expenses during the same period, including interest on bor-

rowed money, being £820,893 19s. 10d., or nearly 56 per cent. This gives an average daily income of £4020 14s. 4³/₄d., or £15 9s. 3¹/₄d. per mile. By the recent railway act, 3 and 4 Vic. c. 97, Aug. 10, 1840, two months' notice must be given to the Board of Trade before a railway, or any part of one, can be opened, in order that it may be carefully examined. Returns of traffic and other matters are also required by this act, which will ensure a most important mass of materials for any future account.

The principal railways in Great Britain and Ireland, in which steam power is employed, with the time of the incorporation of the companies, their, length, &c., are as follow :—

Name.	Date of earliest Acts.	Date of opening.	Length of Miles.	Power used.	Remarks.
Liverpool & Manchester.....	1826 & 1827	Sept. 1830	31	{ Locomotive engines.	Passengers, &c.
Dundee and Newtyle.....	1826 & 1830	Dec. 1831	10 ¹ / ₂	{ Locomotive and fixed engines	Passengers, &c.
Garnkirk & Glasgow.....	1826 & 1827	1831	8 ¹ / ₄	{ Chiefly locomotive engines.	Coal & passengers.
Johnstone & Ardrossan.....	1827 & 1840	..	22 ¹ / ₂	{ Chiefly locomotive engines.	Coal, passengers, &c.
Clarence.....	1828 & 1829	..	36	{ Chiefly locomotive engines.	Coal, passengers, &c.
Llanelly.....	1828 & 1833	1833	26	{ Chiefly locomotive engines.	Coals & other minerals.
Kenyon and Leith Junction.....	1829	..	2 ¹ / ₂	{ Locomo. engines.	A single track.
Warrington and Newton.....	1829 & 1830	1833	4 ¹ / ₄	{ Locomotive engines.	Passengers & gen. traffic.
Newcastle upon Tyne & Carlisle	1829 & 1832	1839	61	{ Locomotive engines.	Passengers, &c.
Wishaw and Coltness.....	1829 & 1834	..	13	{ Chiefly loco. engines.	Minerals.
Wigan Branch..	1830 & 1834	Sept. 1832	7	{ Locomotive engines.	Passengers, &c.
Leicester & Swannington.....	1830 & 1833	July 1832	16	{ Chiefly locomotive engines.	Coals, lime, pass., &c.
Leeds and Selby	1830 & 1835	Sept. 1834	20	{ Locomotive engines.	Passengers, &c.
St. Helen's and Runcorn Gap	1830 & 1834	..	12	{ Locomotive and fixed engines.	For coals, and but few pass.
Preston & Wigan, now N. Union	1831 & 1834	Oct. 1838	15 ¹ / ₂	{ Locomotive engines.	Passengers, &c.
Manchester and Bolton.....	1831 & 1832	May 1838	10	{ Locomotive engines.	Passengers, &c.
Dublin & Kingstown.....	1831 & 1834	Dec. 1834	5 ² / ₃	{ Locomotive engines.	Passengers, &c.
Bodmin & Wadebridge.....	1832 & 1835	1834	12	{ Locomotive engines.	Minerals, passengers, &c.

Name.	Date of earliest Acts.	Date of opening.	Length of Miles.	Power used.	Remarks.
Hartlepool	1832 & 1834	1836	15	Locomotive engines.	Chiefly for coals.
Grand Junction	1833 & 1834	July 1837	82½	Locomotive engines.	Passengers, &c.
London and Birmingham	1833 & 1835	Sept. 1838	112	Locomotive engines.	Passengers, &c.
London & Greenwich	1833 & 1837	Dec. 1838	3¾	Locomotive engines.	Chiefly for passengers.
Durham Junction	1834 & 1837	Aug. 1838		Locomotive engines.	Chiefly for coals.
Hayle	1834 & 1836	..	12	Locomotive engines.	Chiefly for minerals.
London & South Western	1834 & 1837	May 1840	76¾	Locomotive engines.	Passengers, &c.
Durham and Sunderland	1834 & 1837	1836	16	Fixed engines.	Chiefly coal.
London and Croydon	1835 & 1836	June 1839	8¾	Locomotive engines.	Passengers & gen. traffic.
Slamannan	1835 & 1837	1840	12½	Locomotive engines.	Chiefly minerals.
Preston & Wyre	1835 & 1837	July 1840	..	Locomotive engines.	Passengers, &c.
Brandling Junction	1835 & 1836	Sept. 1839	15¼	Locomotive engines.	Passengers, coal, &c.
Paisley and Renfrew	1835	Apl. 1837	3¼	Locomotive engines.	Pass. to steam boats, &c.
Great Western	1835	..	117½	Locomotive engines.	Passengers & traffic.
Dundee and Arbroath	1836	Apl. 1840	16¾	Locomotive engines.	Passengers, &c.
Ulster	1836	Aug. 1839	36	Locomotive engines.	Passengers, &c.
Arbroath & Forfar	1836 & 1840	Jan. 1839	15¼	Locomotive engines.	Passengers, &c.
Birmingham and Derby Junct.	1836 & 1838	Aug. 1839	48½	Locomotive engines.	Passengers, &c.
Bristol and Exeter	1836 & 1838	..	75½	Locomotive engines.	Passengers, &c.
Aylesbury	1836	June 1839	7	Locomotive engines.	Passengers, &c.
Deptford Pier Junction	1836 & 1839	Not yet made	783 yards	Locomotive engines.	Passengers, &c.
South Eastern	1836 & 1837	In progress.	66	Locomotive engines.	Passengers, &c.
Newcastle-on-Tyne & North Shields	1836 & 1840	June 1839	6¾	Locomotive engines.	Passengers, &c.
Cheltenham and Gt. West. Un.	1836 & 1838	In progress.	43½	Locomotive engines.	Passengers, &c.
Midland Counties	1836 & 1838	June 1840	57	Locomotive engines.	Passengers, &c.
Hull and Selby	1836	July 1840	30¾	Locomotive engines.	Passengers, &c.
York and North Midland	1836 & 1837	June 1840	23½	Locomotive engines.	Passengers, &c.
Taff Vale	1836 & 1837	Oct. 1840	24½	Locomotive engines.	Minerals, passengers, &c.

Name.	Date of earliest Acts.	Date of opening.	Length of Miles.	Power used.	Remarks.
Northern & Eastern.....	1836 & 1839	Sept. 1840	30	Locomotive engines.	Passengers & gen traffic.
London Grand Junction	1836	Not made	2½	Locomotive engines.	Passengers, &c.
Great North England	1836 & 1837	In progress.	76	Locomotive engines.	Passengers, &c.
Eastern Counties	1836 & 1838	July 1840	126	Locomotive engines.	Passengers, &c.
North Midland..	1836 & 1837	July 1840	72½	Locomotive engines.	Passengers, &c.
Thames Haven...	1836	Not made.	15½	Locomotive engines.	Passengers, &c.
Sheffield & Rotherham.....	1836 & 1840	Oct. 1838	5¼	Locomotive engines.	Passengers, &c.
Manchester and Leeds	1836 & 1837	Oct. 1840	50½	Locomotive engines.	Passengers, &c.
Dublin and Drogheda	1836 & 1837	In progress.	32	Locomotive engines.	Passengers, &c.
Sheffield & Manchester.....	1837	In progress.	40	Locomotive engines.	Passengers, &c.
Lancaster and Preston Junct.	1837 & 1840	June 1840	20½	Locomotive engines.	Passengers, &c.
Chester & Crewe	1837 & 1840	Oct. 1840	20½	Locomotive engines.	Passengers, &c.
Manchester and Birmingham. .	1837 & 1839	June 1840	38½	Locomotive engines.	Passengers, &c.
Gt. North of Eng. Clarence, and Hartlepooljun.	1837	..	7¾	Locomotive engines.	Passengers, &c.
Maryport & Carlisle	1837	July 1840	28	Locomotive engines.	Passengers, &c.
Great Leinster & Munster .. .	1837	..	73½	Locomotive engines.	Passengers, &c.
Chester & Birkenhead.....	1837 & 1840	Sept. 1840	14½	Locomotive engines.	Passengers, &c.
Cork & Passage	1837	..	6¼	Locomotive engines.	Passengers, &c.
Glasgow, Paisley, & Greenock ..	1837 & 1840	Sept. 1840	22½	Locomotive engines.	Passengers, &c.
Glasgow, Paisley, Kilmarnock & Ayr.....	1837 & 1840	Aug. 1840	40	Locomotive engines.	Passengers, &c.
London & Brighton.	1837	May 1840	41½	Locomotive engines.	Passengers, &c.
Bolton & Preston	1837 & 1838	In progress.	14½	Locomotive engines.	Passengers, &c.
Bishop Auckland and Weardale.	1837	In progress.	..	Locomotive engines.	Passengers, &c.
Taw Vale (and Dock)	1838	In progress.	2¼	Locomotive engines.	Passengers, &c.
Edinburgh and Glasgow	1838 & 1840	In progress.	46	Locomotive engines.	Passengers, &c.
Gosport Branch	1839	In progress.	15¾	Locomotive engines.	Passengers, &c.
Bristol and Gloucester	1839	In progress.	22	Locomotive engines.	Passengers, &c.
West Durham..	1839	June 1840	5½	Locomotive engines.	Chiefly minerals.

RAINBOW, the theory of, given by De Dominis, 1611. Des Cartes (in 1637) was the first who applied the mathematics to the investigation of this phenomenon, or who gave a tolerably correct theory of it; but philosophers remained ignorant of the causes of the different colours of the rainbow, till Sir Isaac Newton, about 1689, gave the solution of this problem.

RAINE, MATTHEW, D.D., master of the Charter-house school, born 1760, and died in 1810.

RALEIGH, SIR WALTER, a distinguished officer and courtier of the reigns of Elizabeth and James I., was born in 1552. In 1580 he obtained a captain's commission, and under the command of the earl of Ormond, governor of Munster, he surprised the Irish Kerns at Rakele, and made them prisoners. On his return to England he was quickly introduced to the queen's notice, and by his own merits obtained a large share in her favour. He fitted out two vessels, which sailed for America in 1584, and took possession of an island near the mouth of the Albemarle river, in what is now called North Carolina. He afterwards planted a new colony in Virginia. In 1589 the queen showed her continued approbation of his services by making him gentleman of her privy chamber, and augmenting the profits of his other places. From this period to 1594 he was continually engaged in projecting new expeditions, sending succours to the colonies abroad, and transacting parliamentary business with equal ability and resolution. When James I. came to the crown, Sir Walter Raleigh fell into disgrace. A conspiracy was formed for placing upon the throne Lady Arabella Stuart, in which Raleigh participated; for this he was apprehended, and brought to trial on a charge of high treason. After 12 years' confinement, he obtained his liberation, and employed all his resources in fitting out an expedition for Guiana, with 12 armed vessels, in July, 1617. This expedition proved entirely unsuccessful, and King James having assured the Spanish court that he had forbidden Raleigh to commit any act of hostility, this brave officer was sacrificed to the resentment of the Spanish monarch. In July, 1618, Sir Walter arrived at Plymouth, but on his journey to London he was arrested, car-

ried back to Plymouth, and after a mock trial executed, Oct. 29 following.

RALPH, JAMES, English historian and poet, died 1762.

RAMEAU, J. P., musical composer, born 1683, died 1767.

RAMSAY, ANDREW MICHAEL, generally known as the Chevalier Ramsay, was a Scotch writer, born in 1686. He was sent to Rome by the Pretender, to undertake the education of his children, in 1724. He died in 1743.

RAMSAY, ALLAN, the author of the "Gentle Shepherd," died 1743.

RAMSDEN, a celebrated mathematical and astronomical instrument maker, was born at Salterhebble, near Halifax in Yorkshire, in 1735. He was the originator of many important inventions, which led his friends to propose him as a member of the Royal Society, and he was elected in 1786. He died Nov. 5, 1800, in his 66th year.

RAMSGATE, seaport, Kent, belonging to the cinque ports, has risen to importance in modern times. In the reign of Queen Elizabeth it contained but 25 houses, and it continued to be an obscure fishing village till the latter part of the 17th century. In 1750 the construction of the harbour was commenced. The pier, built of Purbeck and Portland stone, and of Cornish granite, is one of the most magnificent structures of the kind in the kingdom. The harbour was made a royal port in honour of the visit of his late majesty, George IV., in 1821.

RAMUS, PETER, French writer, born 1515, died 1573.

RANDOLPH, THOMAS, English historian, born 1605, died 1634.

RANGOON, city and seaport, Burmese empire. In May, 1824, it was captured by the British, who, however, delivered it over to the Burmese authorities two years afterwards.

RAPHAEL, or RAFFAEL, SANZIO, the greatest and most celebrated painter of modern times, was born at Urbino in 1483. In 1508 he was summoned to Rome by Julius II., and immediately employed in the decoration of the Vatican, where the series of apartments, ennobled by his pencil, are still called by his name; among these are the School of Theology, the School of Athens, the Parnassus, painted in 1512, &c. He was employed by Leo X. to make the Cartoons (now at Hampton Court,) as exemplars

for works in tapestry, to be executed in Flanders; these were completed at the expense of 70,000 crowns. He died on Good Friday, 1520, aged 37.

RAPIN DE THOYRAS, PAUL, the well known historian of England, was born at Castres in Languedoc in 1661. He followed the prince of Orange into England in 1688; was present at the battle of the Boyne, and wounded at the siege of Limerick. He died in 1725. His "History of England" was originally written in French; it was printed at the Hague in 1726, and reprinted at Trevoux in 1728.

RAROTONGA, island, South Pacific Ocean, the most important of the group called the Hervey Islands, discovered by Mr. Williams the missionary, in 1823. He resided some time on the island, and was the means of effecting the most sudden and beneficial change ever produced in the annals of discovery. Rarotonga was again visited by Mr. Williams in 1827. The missionaries afterwards introduced a code of laws into these islands. In 1832 Mr. Williams landed a cargo, consisting of several barrels of flour, together with horses, asses, and cattle.

RASK, ERASMUS, a learned Danish philologist and grammarian, author of an Icelandic grammar and lexicons, an Anglo-Saxon grammar, &c. In 1822 he was master of no less than 25 languages and dialects. He died in 1833.

RASTADT, or RADSTADT, town, duchy of Baden. In the campaign of 1796 the French here obtained an advantage over the Austrians. March 6, 1714, peace of Rastadt between France and the emperor. On Dec. 9, 1797, congress of Rastadt commenced its labours to treat concerning a general peace with the Germanic powers.

RATHCORMACK, Ireland, a sanguinary tithe affray took place here, Dec. 18, 1834. A number of persons assembled, and attempted to obstruct the magistrates, and the civil and military force which accompanied them. The riot act was then read. The troops were assailed by volleys of stones, the magistrates ordered the troops to fire, and many of the mob were wounded and several killed.

RATISBON, city, Bavaria, formerly known as the place of meeting for the diet of the empire. On Oct. 30, 1630,

the peace of Ratisbon between France and the emperor, terminated the war for the Mantuan succession. Ratisbon was long the see of an archbishop, but in 1817 was reduced to a bishopric. In April, 1809, this vicinity was the scene of obstinate contests between the French and Austrians.

RAVENNA, States of the Church, was made a Roman colony by Augustus. Theodoric, king of the Ostrogoths, having, in the latter part of the fifth century, made himself master of Italy, fixed the seat of his empire here, and erected several public buildings. In the reign of Justinian the Goths in Italy were vanquished by the talents of Belisarius and Narses Longinus. The successor of the latter took the title of exarch, but the exarchate was brought to a close in the eighth century, when Pepin, father of Charlemagne, took Ravenna and made it over to the see of Rome.

RAVITZ, Prussian Poland, was erected by fugitives from Germany, during the thirty years' war. Charles XII. quartered here in the winter of 1704. In 1802 the greater part of the town was burnt by an accidental fire.

RAY, REV. JOHN, the most celebrated naturalist of his age, was born at Black Notly in Essex, in 1628. In 1660 he published his "Catalogus Plantarum," &c.; and in the following year he accompanied Mr. Willoughby, and others, in search of plants and natural curiosities, into the north [of England and Scotland. In 1663 he set out with his friend Willoughby on a tour to the continent. An account of their observations was published by Ray a few years afterwards. It had been mutually agreed between them, before they began their travels, that they should endeavour to reduce the various tribes of things to some method of classification. Willoughby undertook the animals, and Ray the vegetables; but the untimely death of the former, left his plans to be completed by the latter. He applied his system to practical use in a general "Historia Plantarum," of which the first volume was published in 1686, and the second in 1687. The third volume came out in 1704. The work, however, which proved the great corner-stone of his reputation in this department of science, was the "Synopsis Methodica Stirpium Britannicarum." After publishing many other valuable works on

natural history, he died Jan. 17, 1705, in his 77th year.

RAYNAL, ABBÉ, author of the "History of the East and West Indies," died March, 1796, aged 84.

RE, small island, off the west coast of France. In 1388 it was ravaged by the English. An attempt was made on it by an army under Villiers, duke of Buckingham (1627,) but the resistance was so vigorous that the British troops were obliged to re-embark.

READING, market town, Berks, is not mentioned in history till the 9th century, when it was taken by the Danes. Elfrida founded a nunnery here, which was burnt with the town in 1006, by order of Sweyn, king of Denmark, in revenge for the massacre of his countrymen. The town was soon rebuilt, and, in 1121, Henry I. erected a noble monastery for Benedictine monks. Stephen built a castle here, but it was demolished by order of Henry II. In 1213 a council was held here before the papal legate Pandulphus, in order to effect a reconciliation between King John and the prelates and nobles who opposed his tyranny. A grand national council was also held at Reading in 1385, and parliament sat here in 1439, 1452, 1453, and 1467; on the last occasion it was removed from Westminster on account of the plague. In the reign of Henry VIII. Reading suffered much from the suppression of its rich and splendid monastery. A considerable part of the conventual buildings (which originally covered a space of nearly half a mile in circumference,) was standing till the civil war under Charles I., when Reading was occupied as a garrison by the royalists and parliamentarians, and the abbey almost reduced to a heap of ruins.

REALISTS, a sect of school philosophers formed in opposition to the nominalists. See NOMINALISTS.

REAUMUR, RENE-ANTOINE FERCHAULT, a celebrated French philosopher and naturalist, was born at Rochelle in 1683. In 1703 he went to Paris, and so distinguished himself in a few years, that in 1708 he was admitted into the academy of sciences. His experiments on the art of turning iron into steel obtained him a pension of 12,000 livres. In 1722 he published a work which contained a minute and scientific account of the processes employed in that branch of manufacture. He rendered his name

celebrated by his peculiar method of graduation on the thermometer, which is still the only one used in France, and many parts of the continent. But he acquired his greatest fame as an entomologist. Besides a number of curious papers on this subject in the memoirs of the academy, he published a very elaborate work, entitled "Mémoires pour servir à l'Histoire Naturelle des Insectes," in six volumes 4to., 1734—1742. He died October 18, 1757, in his 76th year.

RECULVER ABBEY, Kent, built 669.

RED-EAGLE, in Prussia, military order revived 1792.

RED SEA, called by the ancients the Arabian Gulf, a sea much celebrated in sacred history. It extends about 1470 miles from the straits of Babelmandel to Suez. It terminates in two branches, the western being extensive, and the eastern ascending a little beyond the parallel of Mount Sinai. The passage of the Israelites took place, according to Niebuhr, a few miles from Suez, A. C. 1491. The western channel was chosen in the days of the Ptolemies for the track of the Indian and African commerce. These monarchs erected a great number of cities along the western coast. The Red Sea was for many ages the channel of communication between Egypt and other countries bordering on the Mediterranean and India; but after the passage to India by the Cape of Good Hope was discovered by Vasco de Gama at the close of the 15th century, its commerce decayed. Early in the 16th century the Portuguese became possessed of a monopoly of the trade with India, and the Red Sea lost its importance as a channel of communication between the western and eastern parts of the globe.

REDESDALE, LORD, formerly speaker of the house of commons, and afterwards lord chancellor of Ireland, died January 16, 1830, aged 88.

REECE, DR. RICHARD, author of the "Domestic Medical Guide," died 1831.

REES, DR., editor of the "New Cyclopædia," died 1825, aged 84.

REEVE, CLARA, author of "The Old English Baron," &c., died January 1808, aged 70.

REEVES, JOHN, author of the "History of the Common Law," died 1812, aged 77.

REFORM ACT, PARLIAMENTARY. See PARLIAMENT. This statute, 2d William IV. c. 45, 7th June, 1832, after

reciting that it is expedient to take effectual measures for correcting divers abuses that have long prevailed in the choice of members of parliament, &c., disfranchises certain boroughs in the schedule A. Boroughs in schedule B to return one member only. Boroughs in schedule C to return two members, and to include the places respectively comprehended within their boundaries. Boroughs in schedule D to return one member. Places in schedule E to share with other places mentioned in conjunction therewith, &c.

The Reform Act for Scotland, 2 and 3 William IV. c. 65, 17th July, 1832, enacts that there shall be 53 representatives for Scotland, of whom 30 shall be for several or conjoined shires or stewardries, and 23 for cities, burghs, and towns, or districts of cities, burghs, and towns, hereinafter enumerated, &c.

The Reform Act for Ireland, 2 and 3 William IV. c. 88, 7th August 1832, confers the right of voting in counties at large on leaseholders with other provisions applying the principles of the English act.

REFORM, MUNICIPAL. See **CORPORATIONS.**

REFORMATION. Waldus, in the 12th century, Wickliffe, in the 14th, and Huss, in the 15th, inveighed against the errors of popery with great boldness; but all their attempts proved abortive. The reformation of religion, called, by way of eminence, the Reformation, was begun by the elector of Saxony, at the solicitation of Luther, about the beginning of the 16th century: the rise of it in Switzerland was at least as early as in Germany; for Ulric Zuingle had, in 1516, begun to explain the scriptures to the people, and to censure, though with great prudence and moderation, the errors of a corrupt church. In 1524 Nuremberg, Frankfort, Hamburgh, and several other cities in Germany of the first rank, openly embraced the reformed religion, and by the authority of their magistrates abolished the mass and other superstitious rites of popery. The progress of the reformation in Germany was also promoted by the proceedings of the diet held at Spire in 1526 and 1529. At the diet held in 1530, the Augsburg, or Augustine confession, was presented to the emperor Charles V., and rejected by him. After various negotiations between the emperor and the protestant

princes, terms of pacification were agreed upon at Nuremberg in 1532, and ratified afterwards solemnly in the diet of Ratisbon. In this treaty it was stipulated that universal peace be established in Germany until the meeting of a general council. After many evasions and delays, it was proposed to assemble a council at Trent, which met in 1546. The fathers assembled promulgated their decrees, and the protestant princes in the diet of Ratisbon again protested against their authority. See **PROTESTANTS.** This produced the war of Smalcald, which was prosecuted with various success on both sides till 1552, when Charles was constrained to conclude at Passau the famous treaty of pacification with the protestants, which is considered by those of Germany as the basis of their religious liberty.

The reformation in England commenced about 1533, when Henry VIII., having sued in vain for a divorce from Catherine of Arragon, his brother's widow, at the court of Rome, determined to apply to another tribunal; and Cranmer, by a sentence founded on the authority of universities, doctors, and rabbies, annulled the king's marriage with Catherine. This circumstance produced a rupture with the pope, the effect of which was that the reformation made great progress during this and the following reigns, and the Scriptures were translated. See **ENGLAND**, page 444—447. It had not been long established in Britain, when the Belgic provinces withdrew from their spiritual allegiance to the Roman pontiff; the nobility formed themselves into an association; and in 1566 roused the people, who, under the heroic conduct of William of Nassau, prince of Orange, seconded by the succours of England and France, delivered this state from the Spanish yoke: in consequence of which the reformed religion, as it was professed in Switzerland, was established in the United Provinces.

1835. Oct. 4. This day, happening to fall on a Sunday, was pretty generally celebrated over this country in the different churches and chapels, as a centenary of the Reformation, the printing of the first English Bible (that of Bishop Coverdale) having, as appears from the Colophon, been finished on Oct. 4, 1535.

REFUGE FOR THE DESTITUTE, Hackney, commenced 1806. There are two establishments; that for the males

is near Hoxton-square. The female establishment is in Middlesex-house, Hackney Road. The concerns of the institution are conducted by a committee, consisting of the president, vice-president, treasurer, and 30 governors, chosen annually, who meet twice a week.

REGENT'S STREET, London, commenced building 1815.

REGENT'S CANAL, from Paddington to Limehouse, opened Aug. 1, 1820.

REGGIO, town, Italy, capital of a duchy of the same name, was the birth-place of the poet Ariosto. Buonaparte made Marshal Oudinot duke of Reggio. It suffered dreadfully in the earthquake which took place in Calabria, March, 1832.

REGIMONTANUS, JOHN MULLER, astronomer and mathematician, poisoned at Rome, 1476.

REGISTER, REGISTRATION. Parish registers were first enjoined to be kept on the dissolution of the monasteries. But this did not become a national measure in England till 1538.† The 12th article of Cromwell's injunctions to the clergy that year directs that every clergyman shall, for every church, keep a book, wherein he shall register every marriage, christening, and burial; and the injunction directs the manner and time of making the entries in the register book weekly—any neglect being made penal. This measure created great excitement. It was surmised that the registry was preliminary to a new levy of taxes. In the first year of Edward VI. (1547,) all episcopal authority was suspended for a time, while the ecclesiastical visitors then appointed went through the several dioceses to enforce different injunctions, and, among others, that respecting the keeping of parish registers, issued by Cromwell nine years previously. One of the canons of the convocation of Canterbury in 1603 (which were confirmed by James I., but never received the sanction of parliament) prescribes minutely in what manner entries were to be made in the parish registers.

An act was passed in 1694, having for its object a general registration of births, marriages, and deaths, 6 and 7 Will. III. c. 6, entitled "An act for granting to his majesty certain rates and duties upon marriages, births, and burials, and upon bachelors and widowers, for the term of five years, for carrying on the

war against France with vigour." A supplementary act was passed (the 9th Will. III. c. 32) entitled "An act for preventing frauds and abuses in the charging, collecting, and paying the duties upon marriages, births, burials, and widowers." Considerable excitement prevailed in 1753, respecting a registration bill which had been introduced into the house of commons, but was rejected by the lords. The 52 Geo. III. c. 146, made some alterations of the law respecting parish registers. This act, which received the royal assent on July 28, 1812, directed that the registers of parishes, and of chapelries should be kept in books of parchment, or of good and durable paper, on which should be printed the heads of information required to be entered; and that the register-book should be kept in a dry, well painted iron chest, in the residence of the officiating minister, or in the parish church or chapel. The reason of this law will appear from the fact, that one half of the registers anterior to A.D. 1600 have disappeared.

Partial attempts at registration were made by the registry of births kept by the Dissenters at Dr. Williams's Library, Red-cross street, Cripplegate, &c.; but the defect in regard to national registration began to be felt when the question in relation to the law of marriage was agitated about 1824. This led to the recent registration act, 6 and 7 Will. IV. c. 86, Aug. 17, 1836. This statute reciting that it is expedient to provide the means for a complete register of the births, deaths, and marriages of his majesty's subjects in England, repeals so much of recited acts as relates to the registration of marriages, and appoints a general registry office to be provided in London or Westminster, and that an annual abstract of registers is to be laid before parliament. To each district a registrar of births and deaths has been appointed, also a registrar of marriages, and in each union there is a superintendent registrar.

By the first Annual Report for 1839, the total number of registrars of births and deaths at the end of September, 1838, was 2193. The number of places of religious worship not belonging to the church of England, and registered under the Marriage Act, was 1332, on Dec. 31, 1838. In the first year under the new system ending July, 1838, there were

registered in England and Wales, births, 399,712; deaths, 335,956; marriages, 111,814. The probable number of deaths registered would have been about 291,715, while the number of deaths registered under the new system exceeded this number by 44,241.

By the second Annual Report for 1840, the numbers registered for the first and second years, ending respectively June 30, 1838 and 1839 were as follows:—

	1838.	1839.	
Births...	399,712	480,540	80,828 incr.
Marriages	111,814	121,083	9,602 incr.
Deaths..	335,956	331,007	4,949 decr.

The decrease of registered deaths in the second year is to be ascribed to diminished mortality, the mortality of the year ending June, 1838, having exceeded that of average years.

1841. Deaths at different ages in England and Wales, out of 1000 registered deaths, abstracted from various tables in the last Report:—

Ages.	Males.	Fe- males.	Mean.
Under 1 year	239·3	197·8	218·5
1 and under 3	123·9	126·7	125·3
3 — 5	50·5	52·7	51·6
5 — 10	47·4	47·8	47·6
10 — 15	25·9	28·7	27·3
15 — 20	32·1	38·8	35·5
20 — 25	39·5	43·9	41·7
25 — 30	35·8	40·3	38·0
30 — 35	32·1	36·5	34·3
35 — 40	32·1	35·0	33·6
40 — 45	31·1	32·2	31·6
45 — 50	32·5	30·0	31·3
50 — 55	31·8	30·4	31·1
55 — 60	32·9	30·8	31·8
60 — 65	40·5	38·9	39·7
65 — 70	41·0	40·7	40·9
70 — 75	41·2	44·4	42·8
75 — 80	39·6	42·3	40·9
80 — 85	28·8	32·6	30·7
85 — 90	16·2	20·1	18·2
90 & upwards	5·8	9·4	7·6

REGISTRY, in commercial navigation, the registration or enrolment of ships at the Custom-house, so as to entitle them to be classed among, and to enjoy the privileges of, British built ships. The registry of ships was first introduced into this country by the Navigation Act (12 Car. 2. c. 18. 1660.) Several provisions were made with re-

spect to it by 7 and 8 Will. 3. c. 22; and the whole was reduced into a system by the 27 Geo. III. c. 19. The existing regulations, as to the registry of ships, are embodied in the act 3 and 4 Will. IV. c. 55, commencing from Sept. 1, 1833. Under this statute no vessel is entitled to any of the privileges or advantages of a British registered ship, unless the person or persons claiming property therein shall have caused the same to have been registered in virtue of the act 6 Geo. IV. c. 110, or of the act 4 Geo. IV. c. 41, or until such person or persons shall have caused the same to be registered according to the provisions of the statute.

REGNIER, MATHURIN, French writer, born 1573, died 1613.

REGULUS, M. ATTILIUS, a celebrated Roman general. During the first Punic war he was elected consul, A.C. 256. He was taken prisoner and put to death about A.C. 251.

REICHSTADT, DUC DE, son of Napoleon and of the Archduchess Maria Louisa, of Austria, born at Paris, March 20, 1811, died at the palace of Schoenbrunn, near Vienna, July 22, 1832.

REID, DR. THOMAS, author of the "Inquiry into the Human Mind," &c., died 1796, aged 87.

RELICS, the remains of the bodies or clothes of saints or martyrs. The superstitious regard for relics originated in a very ancient custom that prevailed among christians, of assembling at the cemeteries or burying-places of the martyrs, for the purpose of commemorating them, and of performing divine worship. The rage for procuring relics became so excessive in 386, that the emperor Theodosius the Great was obliged to pass a law forbidding the people to dig up the bodies of the martyrs, and to traffic in their relics.

RELIGIOUS HOUSES. See MONASTERIES.

REMBRANDT, VAN RHIN, a distinguished Flemish painter and engraver, was born at a village near Leyden, in 1606. Without study, and almost without assistance from masters, he formed rules for a certain practical method of colouring, by which his style will always be distinguished from that of any other painter. He died in 1674.

REMONSTRANTS, a title given to the Arminians in consequence of the remonstrance made by them in 1610 to the

states of Holland, against the sentence of the synod of Dort, which pronounced them to be heretics.

RENCHEN, town, duchy of Baden, gives name to the Rencherloch, a pass which the imperial general, Montecuculi, maintained against Turenne in 1675. In 1796 Moreau here obtained an advantage over the Austrians, which opened his passage into Suabia.

RENI, or **RHENI**, **GUIDO**. See **GUIDO**.

RENNELL, **JOHN**, member of the Royal Institute of France, of the Imperial Academy of St. Petersburg, of the Royal Society of Gottingen, and surveyor-general of Bengal, was born at Chudleigh, in Devonshire. At the age of 24 he was sent upon active service to India, as an officer of engineers. There he distinguished himself greatly, was favourably noticed by the government, and speedily promoted to a majority. His maps and charts have rendered great service to geography. In 1798 he gave his aid to Mr. Park, in the arrangement of his "African Travels." His greatest work was his "Geographical System of Herodotus," 1800. He died March 29, 1830, aged 88.

RENNIE, **JOHN**, engineer, of Plymouth Breakwater, Waterloo-bridge, Bellrock Lighthouse, &c., born 1760, died 1821.

RENSSELAER, **MAJOR-GENERAL STEPHEN VAN**, distinguished for his wealth, his munificent charities, and exemplary and christian virtues, both in public and private life. He was born in the city of New York, in Nov. 1764, and was graduated at the University of Cambridge, Massachusetts, in 1782; was elected a member of the New York senate in 1795: he was six years lieutenant-governor of Yew-York; a member of congress from 1822 to 1829; was appointed in 1810, one of the canal com-

missioners; and for the last 14 years of his life was president of the board. During the last war with England, he commanded with reputation as major-general in the Niagara frontier. He died Jan. 26, 1839, in his 75th year.

REVEL, town, European Russia, was founded by the Danes in 1218, conquered afterwards by the Swedes, and taken from the latter by the Russians in 1710.

REVENUE of England, from the Conquest to the reign of George III:—

William the Conqueror....	£400,000
William Rufus	350,000
Henry I.....	300,000
Stephen.....	250,000
Henry II.....	200,000
Richard I.....	150,000
John	100,000
Henry III.....	80,000
Edward I.....	150,090
Edward II.....	100,000
Henry IV.....	100,643
Henry V.....	76,000
Henry VI.....	64,966
Edward IV.....	
Edward V.....	100,000
Richard III.....	
Henry VII.....	400,009
Henry VIII.....	800,000
Edward VI.....	400,000
Mary.....	450,000
Elizabeth.....	500,000
James I.....	600,000
Charles I.....	895,819
Commonwealth.....	1,517,247
Charles II.....	1,800,000
James II.....	2,001,855
William III.....	3,895,205
Anne (at the Union)	5,691,803
George I. (including Scot-	
land).....	6,762,643
George II. (including Scot-	
land).....	8,522,540
George III. 1788, (including	
Scotland).....	15,572,971

Revenue of the United Kingdom, for the Years ending January 1840 and 1841.

	1840.	1841.
Customs and excise	£31,792,465	£32,328,902
Stamps	6,574,461	6,735,902
Assessed and land taxes.....	3,711,794	3,946,444
Post office.....	1,519,000	441,000
Crown lands	160,000	167,500
Other ordinary revenues and resources.....	86,610	78,116
Total Income	£43,844,330	43,697,864

See **CIVIL LIST**, **FUNDS**, and **NATIONAL DEBT**.

REVOLUTIONS, REMARKABLE, in history.

A.C. 546. The Assyrian empire destroyed, and that of the Medes and Persians founded by Cyrus the Great.

A.C. 331. The Macedonian empire founded on the destruction of the Persian, on the defeat of Darius Codomanus, by Alexander the Great.

A.C. 47. The Roman empire established on the ruins of the Macedonian or Greek monarchy, by Julius Cæsar.

A.D. 306. The eastern empire founded by Constantine the Great, on the final overthrow of the Romans.

302. The empire of the western Franks began under Charlemagne. This empire underwent a new revolution, and became the German empire, under Rodolph of Hapsburg, the head of the house of Austria, 1273, from whom it is also called the monarchy of the Austrians.

1300. The eastern empire passed into the hands of the Turks.

1668. Revolution in England on the accession of William III.

1704, 1709, and 1795. Revolution in Poland.

1730, and 1808. Revolutions in Turkey.

1748 and 1753. Revolutions in Persia.

1682, 1740, and 1762. Revolutions in Russia.

1772 and 1809. Revolutions in Sweden.

1775. Revolution in America; revolt of the colonies.

1789. Revolution in France, commenced by the destruction of the Bastille.

1795. Revolution in Holland.

1797, May 17. Revolution in Venice.

1797, Feb. 26. Revolution at Rome.

1810, April 19. Revolution in South America; revolt of the Spanish colonies.

1830. Second revolution in France.

1830. Revolution in Brussels.

1830, Sept. Revolution at Warsaw.

1831, April. Revolution in Brazil.

1836. Revolution at Lisbon, when the constitution of 1820 was proclaimed, Sept. 9; counter revolution attempted Nov. 8.

1836. Revolution throughout Spain, when the constitution of 1812 was proclaimed.

REYNOLDS, SIR JOSHUA, one of the most celebrated British painters, was born at Plympton, Devonshire, in 1723. In Oct. 1741 he first visited the capital,

and was placed with Mr. Hudson, the most renowned portrait painter of that time. He accompanied captain (afterwards Lord) Keppel, into Italy, in 1749, to visit the schools of the great masters. On his return he painted a portrait of Lord Edgumbe, which introduced him to the first business in portrait painting, and he soon became the favourite painter in England. Upon the foundation of the Royal Academy of painting, sculpture, and architecture, Reynolds was appointed president. His majesty also conferred on him the honour of knighthood, and he delivered his first discourse at the opening of the academy, on Jan. 2, 1769. In the course of 21 years, viz. from 1769 to 1790, inclusive, he composed 15 discourses, replete with the soundest principles and the most useful information concerning the art he practised, that ever have been given to the world. The last effort of his pencil was the portrait of Charles James Fox, which was executed in his best style. In Oct. 1791, his spirits began to fail him, and he died at his house Leicester-square, Feb. 23, 1792, aged 69. A just and pleasing tribute was made to his memory in 1813, by a public exhibition of a selection of his works at the gallery of the British Institution, Pall-Mall.

RHEES, the last king of South Wales, killed 1094.

RHEIMS, one of the most ancient and celebrated cities of France, in the department of the Marne, seated on the Vesle. Before the revolution it was the see of an archbishop, who was the first duke and peer of France, and always crowned the king. The University of Rheims was founded in 1547, and in the following year, authorized by the parliament of Paris. This city was taken and re-taken several times by the French and allied armies in 1814.

RHINE, river of Germany, celebrated both in ancient and modern history. Cæsar is the most ancient author who has traced the course of this river from its source in the Alps to its discharge into the sea. By the treaty of Paris in 1814, the Rhine is to remain as the boundary of France and Germany, and the main stream of this river constitutes the frontier. It is by the Rhine that the timber of Suabia is conveyed to Belgium. The passage boats up and down the Rhine also afford commodious conveyances. In 1820 a steam navigation was intro-



SIR JOSHUA REYNOLDS.

Joshua Reynolds

duced; and a canal has recently been projected for uniting the Rhine with the Danube, passing through the Black Forest. See DANUBE.

RHINE, CONFEDERATION OF THE. See CONFEDERATION.

RHODE ISLAND, one of the states of North America. Its settlement was commenced at Providence in 1636, by Roger Williams; and in 1638 the settlement of the island from which the state is named was begun by Williams, Coddington, and others. In 1764 a charter was obtained from England, by which the settlements of Rhode Island and Providence Plantation were united under one government, which continued in force till 1663, when a new charter was granted by Charles II., which has ever since formed the basis of the government. Rhode Island was taken from the Americans by the British forces, Dec. 6, 1776.

RHODES, island of Asiatic Turkey, was anciently a celebrated state of Greece, distinguished by its commerce and naval power; though it was not till after the death of Alexander that Rhodes appeared in its full glory. Demetrius undertook the siege of Rhodes, but was obliged to raise it after a year's perseverance, A.C. 303. The celebrated Colossus of Rhodes was reckoned one of the seven wonders of the world, but was overthrown by an earthquake, A.C. 224. See COLOSSUS. In the time of Cicero and Cæsar the schools of Rhodes were among the most frequented by those who aspired to scientific distinction. Rhodes was among the last states which yielded to the Roman arms, and is not heard of in history till the downfall of the eastern empire, when the island became one of the last retreats of the knights of St. John of Jerusalem. This little band of heroes rendered it illustrious by their resistance to the Ottoman emperors; they were subdued by Solyman the Great, after one of the most memorable sieges recorded in history. The city of Rhodes was taken by the Turks, 1521, when the knights quitted it, and settled at Malta. See MALTA. From this time the island of Rhodes has been subject to the Turks; and, like other countries under that tyrannical yoke, has lost its former importance.

RIALTO, a celebrated bridge at Venice, begun 1588, finished 1591.

RICARDO, DAVID, the author of "Political Economy," died 1823.

RICCI, LAWRENCE, the last general of the society of Jesuits, born August 2, 1703; made general of the order May 21, 1758; imprisoned at Rome, September 22, 1773; died November 24, 1776, aged 72.

RICHARD I., king of England, was born at Oxford, 1157; crowned at London, September 3, 1189; set out on the crusade June 29, 1190; returned to England March 29, 1194; was wounded with an arrow at Chalons; died April 6, 1199, and was buried at Fonteverard.

RICHARD II., born at Bourdeaux, January 6, 1367; created prince of Wales, 1376; succeeded his grandfather, Edward III., June 21, 1377; resigned his crown, September 29, 1399; was murdered in Pomfret Castle, February 13, 1400, and buried at Langley, but afterwards removed to Westminster.

RICHARD III., duke of Gloucester, brother to Edward IV., born 1453; made protector of England May 27, 1483; elected king June 20, and crowned July 6 following; again at York, September 8. Slain in battle at Bosworth, August 22, 1485, aged 32. Was buried at Leicester.

RICHARDSON, SAMUEL, a celebrated novel writer of the 17th century, was born in 1689. After the expiration of his apprenticeship, he passed several years as a journeyman in a printing-office, and then set up in business for himself. He published his "Pamela" in 1740, which procured him much repute. His "History of Sir Charles Grandison," his concluding work, appeared in 1753. He died July 4, 1761, at the age of 72.

RICHELET, CÆSAR PETER, a French writer, born in 1631. He applied himself to the study of the French language, and compiled a dictionary. He died at Paris in 1698, at the age of 67.

RICHELIEU, JOHN ARMAND DU PLESSIS, a celebrated cardinal, and statesman of France, was born at Paris in 1585. In 1624, in the reign of Louis XIII., he was made prime minister, and found means to possess himself of the whole authority of the crown. In 1627 war broke out with England, and the Rochellers, with whom an accommodation had been made, were induced to favour the English. Richelieu in person took the command of the siege of Rochelle, which, after a noble resistance of eleven months, submitted to famine, and

the protestants were rendered incapable of again acting as an armed party. Riche-lieu died in December 1642, at the age of 58.

RICHMOND, village of Surrey, has belonged to the crown since the reign of Edward I. Edward II. also resided here, and founded a convent of Carmelite friars, which was afterwards removed to Oxford. Edward III. either erected or improved a royal palace here, where he often resided, and in which he died in 1377. Here also Ann^d of Luxemburg, the first wife of Richard II., died; he was so much affected by the misfortune, that he abandoned the palace, and suffered it to fall to decay. Henry V. restored it, and erected near it a Carthusian monastery, which was richly endowed. Edward IV. also resided here; and it was the favourite residence of Henry VII., in whose reign a grand tournament was held at Richmond in 1492. A few years afterwards it was burnt down, and the king having rebuilt it, gave it the name of Richmond, from the title of nobility borne by him before his accession to the crown. In the park is an observatory, built by Sir William Chambers in 1769.

RICHMOND, a market-town, Yorkshire, celebrated for the still magnificent remains of its ancient castle, which was founded by Alan, the first earl of Richmond, about 1070. During the reigns of our Norman kings, this title and property were possessed by several different families. By Henry VIII., Richmond was constituted a duchy in the person of his natural son, Henry, who died without issue in 1535.

RICHTER, JEAN PAUL FREDERICK, a distinguished modern German writer, was born May 21, 1763, at Womsiedel in Bavaria. In his 17th year he wrote two essays entitled, "How our Conception of God arises," and "On the Harmony between Time and erroneous Propositions." In 1781 he went to the university of Leipsic, where he felt himself abandoned by all human society, and had to struggle, for 12 months, against ever increasing poverty. In 1787, after having written several works to little advantage, he accepted the place of tutor in the family of a nobleman in the vicinity. At the end of 1789 he relinquished his tutorship. About this time he wrote the "Invisible Lodge," an unfinished romance, and sent it, in 1792,

to Moritz, bookseller of Berlin, who pronounced it to be a work of great excellence, "beyond even Goëthe." He offered him 100 ducats for the book, and sent 30 immediately.

From this time he began to be introduced to more public notice. In 1804 he settled himself in Baireuth, where he passed the remainder of his days, honoured and respected by all men. On the occasion of the war in 1806, he stepped forth as a political writer, and strove to rouse the spirit of his countrymen, at the same time, that, with the keenest humour, he ridiculed many long-standing prejudices. He received from the prince primate Von Delberg, a pension of 1000 guilders, which was continued in 1815 by the king of Bavaria. The loss of his only and beloved son, in 1820, shook his constitution, and he died Nov. 14, 1825. His funeral was attended by all the distinguished families in Baireuth, and accompanied with a solemnity and sympathy worthy of the departed.

RIDLEY, NICHOLAS, an eminent English prelate, who became a martyr to the cause of the Reformation, was born in the beginning of the 16th century, and sent to Pembroke Hall, Cambridge, in 1518. In 1547 he was promoted to the bishopric of Rochester; and in the following year he was employed in reforming the liturgy, in conjunction with Cranmer, five other prelates, and some learned divines. Soon after he was translated to the see of London, and was nominated one of the commissioners for examining Gardiner, bishop of Winchester. When the parliament assembled in 1553, the king, Edward VI., who was languishing under decline, ordered the two houses to attend him at Whitehall, where bishop Ridley preached before him. Upon the death of Edward VI., having assisted in attempting to set Lady Jane Grey on the throne, he was immediately committed to the Tower, and afterwards, with Cranmer and Latimer, sent to Oxford; when they arrived there in March 1554, they were closely confined in the common prison. With bishop Latimer, he was burnt, Oct. 15 following. He was a man of great learning, and was the author of several works.

RIENZI, GABRINI, whose proper name was Nicholas, an extraordinary political character, was born in the 14th

century at Rome. His first post was that of a public scribe or notary in 1346. In 1347 he usurped the sovereign power, under pretence of restoring the tribuneate at Rome, May 19, and ruled with sovereign authority for seven months. Finding that he had lost the affection and confidence of the people, he withdrew from Rome; and, in the beginning of the year 1348, took refuge in the kingdom of Naples, and was obliged to live concealed in a hermit's cell till the commencement of 1350. Upon the accession of Innocent VI., he was released from confinement, and he recovered his former authority, which, however, he held but a short time. The nobles found means to excite a sedition against him, in which he was slain, Oct. 1354.

RIGA, city, European Russia, was, in regard to commerce, the second city in Russia before the rapid increase of Odessa. Riga has, at different times, suffered by sieges. Of these the most remarkable were those sustained from the Russians in 1656; from the Saxons and Poles in 1700; from the Russians in 1701; and from the French in 1812, when its suburbs were burned. Owing to the advantageous situation of Riga, at the mouth of the Dwina, its population and trade have lately increased. The ships despatched from Riga, during the six years, ending with 1832, were 1483.

RIGAUD, PROFESSOR, F.R.S., to whom was confided the care of the Observatory at Oxford, was the author of many valuable communications to the "Transactions of the Royal Astronomical Society," and to other scientific journals, on subjects connected with physical and astronomical science. There was no other person of his age who was equally learned on all subjects connected with the history and literature of astronomy. He died in 1839.

RIGHTS, BILL OF. See **BILL.**

RINGS. Their antiquity is known both from Scripture and profane authors. When Pharaoh committed the government of all Egypt to Joseph, he took his ring from his finger, and gave it to Joseph, Gen. xli. 42. The Romans were contented with iron rings a long time; and Pliny assures us, that Marius first wore a gold one in his third consulate, which was in the year of Rome 650. The episcopal ring was esteemed a pledge of the spiritual marriage between the

bishop and his church. The fourth council of Toledo, held in 633, appoints, that a bishop, condemned by one council, and found afterwards innocent by a second, shall be restored, by giving him the ring, staff, &c.

RIO DE JANEIRO. See **JANEIRO.**

RIO DE LA PLATA, river, South America, discovered by De Solis in 1516. The country near it now forms the republic of **BUENOS AYRES**, which see.

RIOTS, in law. The riotous assembling of 12 persons, or more, was first made high treason by statute 3 and 4 Edw. VI. It was repealed by statute 1 Mar. c. 1.; but in substance re-enacted by 1 Mar. statute 2. c. 12. And by statute 1 Eliz. c. 16, it was revived and continued during her life and then expired. From the accession of James I. to the death of Queen Anne, it was never once revived; but in 1715 the act, now called the riot act, was passed. The statute 1 Geo. I. c. 5, enacts, that if any 12 persons are unlawfully assembled to the disturbance of the peace, and any one justice of the peace, sheriff, under-sheriff, or mayor of the town, shall think proper to command them by proclamation to disperse, if they contemn his orders and continue together for one hour afterwards, such contempt shall be felony without benefit of clergy.

The following are the most remarkable riots in British history:—

1262. The goldsmiths' and tailors' company fought in the streets of London; several were killed on each side: the sheriffs quelled it, and 13 men were hanged.

1271. A riot at Norwich; the rioters burnt the cathedral and monastery; the king went thither, and saw the ring-leaders executed.

1709. In London, on account of Dr. Sacheverel's trial; several dissenting meeting-houses were broke open; the pulpit of one was pulled down, and, with the pews, burnt in Lincoln's-inn-Fields.

1715. 2 Geo. I., riots of the Whig and Tory mobs, called Ormond and Newcastle mobs; the riot act passed the same year, great mischief having been done by both parties in London.

1736. 9 Geo. II. Of the Spitalfields weavers, on account of employing workmen come over from Ireland; the military and civil power joined to quell them, and some lives were lost.

1736. At Edinburgh the mob rose, set fire to the prison-door, took out Captain Porteus, and hanged him upon a sign-post, and then dispersed.

1768. A mob in St. George's-fields, to see Mr. Wilkes in the King's-bench, prison: the military aid indiscreetly called for by the justices of the peace, and several innocent persons, particularly young Allen, fired upon and killed by the soldiers.

1791. July 14. At Birmingham, on occasion of commemorating the French revolution, when several houses were destroyed.

1809. Sept. O. P. at Covent-garden theatre; terminated Jan. 4, 1810. These tumults arose from an attempt by the managers to raise the price of admission. The public having in vain demanded the "old prices," assumed the initials, O. P., as the watch-word for their demand.

1809-10. In Piccadilly, in consequence of the warrant of the speaker of the house of commons to commit Sir Francis Burdett to the Tower.

1814. In different places in the north of England, during this and the preceding year, by the Luddites. Among the sailors in the merchants' service at Lynn, which was quelled without bloodshed, Dec. 9.

1815. April 8. At the depôt at Dartmoor, among the prisoners, in quelling which seven Americans were killed, and 35 others wounded.

1816. Dec. 2. In London, in consequence of a popular meeting in Spafields, for the purpose of presenting a petition to the Prince Regent, from the distressed manufacturers and mechanics: the shops of several gunsmiths were attacked for arms, and in that of Mr. Beckwith, on Snowhill, a Mr. Platt, who happened to be in the shop, was shot in the body by one of the rioters. Several parts of the kingdom were agitated by similar convulsions this and the following year; as at Dundee where 100 shops were plundered; at Preston, Lancashire, among the unemployed workmen, &c.

1817. June 16. Several of the rioters of London were apprehended, and one of the name of Watson was tried for high treason and acquitted.

1819. Aug. 16. An immense multitude assembled at Manchester, led by Hunt, who had become notorious since the meeting in Spafields in 1816. The magistrates ordered the yeomanry to

advance, when they rode in among the crowd, trampling down those who were so unfortunately situated as to obstruct their progress. Great numbers were severely bruised, many received sabre wounds, and some were crushed to death. Hunt and his coadjutors were taken into custody, but afterwards liberated.

1830. The memorable riots and conflicts in the streets of Paris. See PARIS.

1831. June 8. In Dean Forest and its neighbourhood, when the rioters destroyed 50 miles of wall and fence, and threw open 10,000 acres of plantation.

1831. October. At Bristol, in which the town was at the mercy of the mob for three days. See BRISTOL.

1831. Oct. 8. At Derby and Nottingham, &c., in consequence of the rejection of the Reform Bill.

1834. A riot of a serious description at Oldham, of the Trades' Union; two members were arrested by some policemen, when a large crowd attacked the officers, whom they beat severely, and rescued the prisoners; one man was shot, which so incensed the mob, that the windows of a manufactory were immediately demolished, the dwelling-house of the proprietor entered, and a total destruction of its contents effected.

RIPON, Yorkshire, was destroyed by the Danes in the ninth century, but was soon restored, and made a borough by Alfred the Great. It was destroyed a second time in the war by Edred against the Danes, and being again rebuilt, continued to be a place of importance: it was plundered by Robert Bruce when he invaded England in the reign of Edward II. Henry IV. fixed his residence here when driven from London by the plague. In the civil war, under Charles I., the town was occupied by the parliamentarians, under Sir Thomas Manleverer, until they were expelled by Sir John Mallory.

RITSON, JOSEPH, the antiquary, died October, 1803.

RIZZIO, DAVID, an Italian musician, and the favourite page to Mary Queen of Scots, killed March 9, 1566.

ROADS. The ancient Roman roads are much celebrated in history. In Italy alone, the Romans are said to have laid about 14,000 miles of road. Of these the principal are the Appian, Salernian, Flaminian, Ostian, Prænestine, Tiburtine, Triumphal, and others, varying in extent and importance according to the

circumstances of the country through which they passed. The most noble of the Roman roads was the Via Appia, or Appian Way, which was carried to such a length, that Procopius reckons it five days' journey to the end of it, and Leipsius computes it at 350 miles. The principal of the Roman roads in England are Watling-street, Ikenild-street, Foss Way, and Erminage-street; but the remains of these are hardly to be traced.

In England the progressive improvements in the high roads may be estimated by the laws enacted at different times respecting them. The earliest of these was in the year 1285; when the lords of the soil were enjoined to "enlarge those ways where bushes, woods, or ditches be, in order to prevent robberies." The next law was made by Edward III. in 1346; when a commission was granted by the king to lay a toll on all sorts of carriages, passing from the hospital of St. Giles-in-the-Fields, to the bar of the old Temple, &c. Little further relating to this subject occurs, till the reign of Henry VIII., when the parishes were entrusted with the care of the roads, and surveyors were annually elected to take care of them. The increase of luxury and commerce introduced a number of heavy carriages for the conveyance of goods. This introduced tollgates or turnpikes about 1663.

The union with Ireland, 1801, gave rise to the extension and improvement of the roads leading to the great ferries at Portpatrick, Holyhead, and Milford, which have severally undergone the latest amendments, especially the Holyhead line of road, passing through North Wales, by Shrewsbury, and also by Chester to London.

The military roads of the Highlands, Scotland, had their origin in the rebellion of 1715, when it was found that the royal troops could not penetrate farther into the Highlands than Blair, in Athol, from the total want of roads. The first line of road which they formed was from Stirling, across the Grampians, to Inverness, and from thence along the chain of forts, including Fort George, Fort Augustus, and Fort William, by which troops and artillery were carried with facility into the central Highlands; and thereby the disturbances of 1745 were speedily suppressed. About 1803 a select committee of the house of commons, took under its consideration the

farther extension of roads in the Highlands and islands, and another on the roads and highways of England and Wales was appointed in 1806.

Mr. M'Adam, since well known for his improvements in the construction of roads, made a communication to a committee of the house of commons in 1811, containing directions for the repair of an old road. This paper was published with the report by order of the house. He made a similar statement in 1819 to the honourable board of agriculture; and in the same year the subject underwent a full investigation before a committee of the house of commons. By the report it appears, that the admirable state of repair into which the roads under Mr. M'Adam's direction were brought, attracted very general attention, and induced the commissioners of various districts to apply for his assistance or advice. His plans were generally adopted, and so far succeeded that in February, 1820, the lords commissioners of his majesty's treasury received a representation from several noblemen and gentlemen, urging in very strong terms the claims of Mr. M'Adam to remuneration for the services he had rendered to the public.

In the session of 1820, Mr. M'Adam presented a petition to parliament, praying for the payment of his expenses, and such reward for his services as the house in its justice and wisdom should think fit to grant. It appeared that the distance travelled by Mr. M'Adam was 30,000 miles, and that there were 1920 days employed in this service. The expense of the above travelling amounted to the sum of £5019 6s., which sum Mr. M'Adam stated to have been expended by him on this service, up to August 1814, and this was accordingly allowed. In June 1823 the subject was again presented to the house of commons. From the report of the select committee it appeared, that the sum of £2000, or £2500, in addition to his expenses, would be but a moderate compensation to Mr. M'Adam for his great exertions and very valuable services.

The turnpike roads in the neighbourhood of the metropolis were, at the beginning of 1827, placed under the management of commissioners; and the third report, dated April 29, 1829, details some important experiments either effected or contemplated, and others have since been carried into effect.

1833. The house of commons ordered the second report from the select committee of the house of lords, to examine the turnpike returns, &c. The report is itself a valuable document. The committee states also, that one of the greatest evils in the present road system is the number of trusts, as well as their limited range of extent; and recommends every consolidation of trusts which their localities and other circumstances will permit. It appears from the evidence of Lord Lowther, the chairman of the commissioners of the metropolis roads, &c., that the debts upon the trusts throughout England, Wales, and Scotland, which amounted in 1821 to £6,000,000, in 1833 amounted to £8,000,000. Mr. M'Adam stated in evidence, that the Holyhead commissioners expended on that line of road the sum of 379,000, of which the Barnet and Mims improvement, as it was called, a length of but three miles, cost £18,000. Since the great increase of railways, the turnpike roads are become of less importance; and there will probably be some difficulty in maintaining them, particularly in agricultural districts. See RAILWAYS.

ROBERTSON, DR. WILLIAM, celebrated historian, was born in Mid Lothian, Scotland, in 1721. In 1743 he was presented to the living of Gladsmuir, in East Lothian; and in 1755 a sermon, delivered before the Society for Propagating Christian Knowledge raised him very high as a pulpit orator. His "History of Scotland, during the reigns of Queen Mary and King James VI.," made its appearance in 1759. In 1761 he was appointed one of the king's chaplains in ordinary in Scotland, and in the following year elected principal of the University of Edinburgh. Two years after this he was appointed to the post of historiographer royal of Scotland. His "History of the Reign of Charles V.," published soon after, was, like the former, received with high approbation. In 1779 his "History of America" appeared, in two volumes quarto. He died June 11, 1793, in the 71st year of his age. His works have been translated into nearly all the languages of Europe.

ROBESPIÈRE, MAXIMILIAN ISIDORE, one of the leaders of the French revolution, was born at Arras in 1759. In 1789 he took an active part in all the revolutionary meetings, and was appointed a deputy from the province of

Artois, in the States General. In the new assembly which met in September 1792, he was returned a member for the city of Paris, and he soon became the head of the party called the Mountain. After the execution of Louis, Robespierre, assisted by Danton and Marat, gained a decided supremacy; and the reign of terror commenced: 16,000 persons are supposed to have fallen during nine months. At length he lost his popularity; a decree of the convention was passed against him; and July 28, 1794, he was led to execution, amidst the acclamations and curses of thousands of spectators, in the 36th year of his age.

ROBIN HOOD. See HOOD.

ROBINS, BENJAMIN, a celebrated mathematician, was born at Bath in 1707. In 1727 he was admitted a member of the Royal Society, and in 1742 published his Treatise on Gunnery. See GUNNERY. Having obtained the post of engineer-general to the East India Company, he arrived in the East Indies in 1750; but the climate not agreeing with his constitution, he died there the year following, in the 44th year of his age.

ROBINSON, SIR CHARLES, Judge of the Admiralty Court, died April 22, in his 70th year.

ROBINSON, MRS., author of "Lyrical Tales," and other poems, died 1800.

ROBINSON, REV. THOMAS, author of "Scripture Characters," died 1813, aged 54.

ROBINSON, ROBERT, a dissenting minister of high repute, was born Oct. 8, 1735, at Swaffham, in Norfolk. He published, in 1775, his translation of "Saurin's Sermons;" and in 1778 a translation of "Claude's Essay on the Composition of a Sermon," with numerous notes. The latter years of his life were chiefly occupied in his "History of Baptism," and his "Ecclesiastical Researches;" works abounding with curious information and striking remarks. He died June 8, 1790, in his 55th year.

ROBISON, JOHN, an eminent Scottish natural philosopher and mathematician, was born at Boghall, Stirlingshire, in 1739. He accompanied Admiral Sir Charles Knowles to St. Petersburg, as his private secretary, in 1770. After his return from Russia in 1781, he was appointed general secretary to the Royal Society. About 1793 he contributed various scientific articles to the "Encyclo-

pædia Britannica." He died Jan. 30, 1805, in his 66th year.

ROBSON, GEORGE FENNEL, eminent painter in water-colours, was a native of Durham. Before he was 20 he came to London, and was soon known as a most active and persevering student. In 1813 he first appeared as an exhibitor in the ninth annual exhibition of the Society of Painters in Water-colours; and in 1815 his works commanded that public attention which gained for him extensive and abundant patronage. In 1826 he published, in conjunction with Mr. Britton, a most delightful series of "Picturesque Views of the English Cities." He died Sept. 1833.

ROCHEFOUCAULT, FRANCIS, DUKE OF, prince of Marsillac, was born in 1613. He was distinguished equally by his courage and his wit. He died at Paris in 1680, aged 68.

ROCHEJAQUELIN, H. DE LA, a French royalist leader, born 1773, died 1794.

ROCHELLE, LA, town, France, department Lower Charente, was for some time in possession of the English, previously to 1224, when it was retaken by the French. In the 16th century it became a stronghold of the protestants, and was governed for some time as a republic. In 1637 it was taken by Louis XIII. after a siege of 13 months.

ROCHESTER, city and seaport, Kent, was probably founded by the Romans. Through it passed the ancient road called Watling-street, leading from the Rhutupian port to London, and thence across the island to Chester. It continued to be a place of importance after the conquest of the country by the Anglo-Saxons, who gave it the appellation of Hroveester; and about the beginning of the sixth century a church was erected here by Ethelbert, and shortly after Rochester was made the see of a bishop. In 676 the city was ravaged and almost destroyed by Ethelbert, king of Mercia; and it suffered greatly during the invasions of England by the Danes, in the ninth century. William I. gave Rochester to his brother Odo. In 1130 the city suffered by a terrible conflagration. The castle was captured by King John in his wars with the barons. Henry III. repaired the castle, strengthened the walls, and improved the city, where he held a tournament in 1251. A few years after the castle was made a royal gar-

rison, and successfully defended by the earl of Warren against the attacks of the earl of Leicester. It was from Rochester that James II. embarked on his flight to France, at the revolution in 1688.

The see of Rochester is the smallest of the English bishoprics. The ecclesiastical establishment includes a bishop, dean, an archdeacon, six prebendaries, six minor canons, a chancellor, a registrar, eight choristers, and various other officers. The cathedral church, dedicated to St. Andrew, is a fine edifice of Norman architecture, erected by bishop Gundulph, about 1080.

ROCHESTER, EARL OF, a celebrated wit of the reign of Charles II., the son of Henry, earl of Rochester, was born in 1648. In 1659 he was admitted a nobleman of Wadham College, Oxford, where he obtained the degree of master of arts. He afterwards travelled through France and Italy. His love of pleasure, and his disposition to extravagant mirth, carried him to great excesses. By his constant indulgences, he entirely wore out an excellent constitution before he was 30 years of age. In 1679 he was visited by Dr. Burnett, who published an account of his conferences, in which it appears, that though he had lived the life of a libertine and an atheist, there is good evidence to believe he died the death of a penitent. His death happened in 1680.

ROCKINGHAM, Northamptonshire. William the Conqueror built a castle, which stood on the summit of a hill overlooking the town. In the reign of William Rufus, a great council of the nobility, bishops, and clergy, was assembled here. The council sat on Sunday, March 11, 1094, in the chapel belonging to the castle. Edward III. frequently honoured this fortress with his presence; and his successor, Edward IV., settled the manor here. Sir Lewis Watson was created Baron Rockingham, of Rockingham Castle, in the year 1644.

RODNEY, GEORGE BRIDGES, ADMIRAL, a distinguished naval commander, was born 1718. In 1744 he was appointed to the command of the Ludlow Castle, of 44 guns, and in the war with France was promoted to the rank of rear-admiral, and employed to bombard Havre de Grace. In January, 1780, he took 19 Spanish transports bound from Cadiz to Bilboa, together with a 64 gun ship and five frigates,

their convoy. The same year he beat both the Spanish and French fleets. In 1781 he continued his exertions, with much success, in defending the West India Islands. But his greatest triumph was on April 12, 1782, when he came to a close action with the French fleet under Count de Grasse. The whole loss of the enemy on this occasion amounted to eight ships, one of which, the *Ville de Paris*, was the only first-rate man-of-war that had ever, at that time, been taken and carried into port by any commander of any nation. The following year, as a reward for his numerous services, he had a grant of £2000 a year for himself and his heirs, and was promoted to the peerage by the title of Baron Rodney of Stoke. He died May 24, 1792.

ROEMER, OLAUS, a celebrated Danish mathematician and astronomer, was born at Arhussen in Jutland, in 1644. He was united with Picard and Cassini in making astronomical observations, and became a member of the French academy of sciences in 1672. Roemer was the first person who discovered the velocity with which light moves, by means of the eclipses of Jupiter's satellites. Christian V., king of Denmark, recalled Roemer to his native country in 1681, and appointed him professor of astronomy at Copenhagen, where he died in 1710.

ROGER DE HOVEDON, the historian, flourished 1182.

ROGERS, CAPTAIN WOODS, English navigator, died 1732.

ROHILCUND, territory, Hindoostan, east of the Ganges. In the early period of the Mogul empire, it was in a very flourishing state. In 1774 the forces of the Rohillahs were defeated by the British troops at the battle of Cutterah, when Hafez Rehmet, their chieftain, was slain, after which the Rohillah sway in Hindoostan terminated, the country being transferred to the Oude government.

ROLAND, MARIE JEANNE PHILEPON, wife of M. De la Platiere Roland, who was greatly distinguished in the revolutionary commotions in France, was born at Paris in 1754. In 1792 Roland was appointed minister of the interior; and the principal part of his labours was generally attributed to Madame Roland. At length she was called before the revolutionary tribunal. On Nov. 8 she was condemned to death for having conspired against the unity

and indivisibility of the republic, and her execution immediately followed.

ROLLIN, CHARLES, a celebrated French writer, was born at Paris in 1661. He became professor of rhetoric in the college of Plessis, and in 1688 succeeded Horsan, his master, as professor of eloquence in the royal college. In 1694 he was chosen rector of the university. In 1699 he was made coadjutor to the principal of the college of Beauvais. In this situation he remained till 1712; when the war between the Jesuits and the Jansenists drawing towards a crisis, he fell a sacrifice to the prevalence of the former. His treatise upon the "Manner of Studying and Teaching the Belles Lettres" was published in 1726; and his "Ancient History of the Egyptians, Carthaginians, Assyrians, Babylonians, Medes and Persians, Macedonians and Greeks," between 1730 and 1738. He died in 1741, at 80 years of age, leaving a character universally esteemed.

ROLLO was a Norwegian chieftain, who was banished from his country by Harold Harfager, who conquered Norway in 870. He proved himself so formidable an enemy to Charles the Simple, king of France, that he was glad to make a treaty with Rollo, by which he gave him his daughter in marriage, with that part of Neustria, called Normandy, for her dower. As soon as he saw himself in full possession of Normandy, he exhibited such virtues as rendered the province happy. He died worn out with the cares of government, in 932.

ROMAINE, REV. WM., the theological writer, died May 1795.

ROMAN CATHOLICS. See **CATHOLICS**.

ROMANO, GIULIO, a celebrated Italian painter, the disciple of Raphael, was born at Rome in 1492. After he had completed the "Hall of Constantine," in the Vatican, from the design of his master, Raphael, he went to Mantua. He died in 1546.

ROME, its foundation laid by Romulus, its first king, A.C. 753, according to most chronologers: by Sir Isaac Newton's chronology, A.C. 627. They seized the Sabine women at a public spectacle, and detained them for wives, A.C. 750.

A. C. 667. The Romans and the Albans, contesting for superiority, agreed to choose three champions on each part

to decide it. The three Horatii, Roman knights, and the three Curiatii, Albans, being elected by their respective countries, engaged in the celebrated combat, which by the victory of the Horatii, united Alba to Rome.

A.C. 605. The circus built, said to have been capable of containing 150,000 people.

A.C. 500. Sextus Tarquin having ravished Lucretia, the Tarquins were expelled, the kingly government abolished, and the republican established under two annual consuls.

A.C. 493. The dictatorship first introduced.

A.C. 451. Decemviri appointed to form a body of laws, which being done, they were written on ten tables, transcribed on pillars of brass, and made the standard of judicial proceedings.

A.C. 450. The tribunes, ædiles, &c., divested of all power.

A.C. 443. Creation of censors. Patri-
cian tribunes chosen instead of consuls,
A.C. 421. - The consulship restored A.C.
418. Three questors from among the
people elected A.C. 410. Roman soldiers
first paid A.C. 406. City sacked by
Brennus A.C. 390. City burnt by the
Gauls A.C. 318. The temple of Mars
built A.C. 380. Prætors first appointed
A.C. 365.

A.C. 266. The first Punic war declared.
Before this time the Romans never car-
ried their arms beyond Italy, nor encoun-
tered their enemies at sea.

A.C. 269. About this time silver money
was first made at Rome, instead of
brass, before in use; it took the name
of moneta from the temple of Juno
Moneta, where it was coined.

A.C. 218. The second Punic war began.
The capitol and temple of Janus built
A.C. 207. The third Punic war A.C. 149.

A.C. 146. After a siege of three years
the Romans took Carthage and utterly
destroyed it. See CARTHAGE.

A.C. 103. Marius made his grand
triumphal entry into Rome, preceded by
an immense treasure of gold and silver,
the spoils of Numidia; the famous
Jugurtha, its king, and his two sons in
chains, graced the triumph.

A.C. 102. The Ambrones and Teu-
tones defeated by Marius; the wives of
the former being refused security from
violation, murdered themselves and their
children.

A.C. 59. Pompey and Julius Cæsar

began to contend for supreme power over
the commonwealth, which produced a
bloody civil war. Cæsar was assassinated
in the senate-house A.C. 44; but the
revolution intended to be prevented by
this catastrophe, was only hastened.
The Roman state was divided into fac-
tions by Octavius Cæsar and Marc An-
tony; a civil war ensued A.C. 41.

A.C. 27. The republic changed to an
empire, Octavius Cæsar having the titles
of Imperator and Augustus conferred on
him by the senate and people. About
this time the annual revenue of the
Roman empire amounted to £40,000,000.
The city of Rome was computed to have
been 50 English miles in circumference,
and its inhabitants to exceed 4,000,000.
A new census being taken by Claudius,
the emperor and censor, the inhabit-
ants of Rome were found to amount
to 6,900,000, A.D. 48. The number
of inhabitants able to bear arms was
320,000.

The following is a list of the Roman
emperors, with the dates of their acces-
sion:—

Julius Cæsar	A.C.	39
Augustus	—	43
Tiberius	A.D.	14
Caligula	—	37
Claudius	—	41
Nero	—	54
Galba	—	68
Otho	—	69
Vitellius	—	69
Vespasian	—	69
Titus	—	79
Domitian	—	81
Nerva	—	96
Trajan	—	97
Adrian	—	117
Antoninus Pius	—	138
Marcus Aurelius	—	161
Commodus	—	180
Pertinax	—	193
Julianus	—	193
Severus	—	194
Caracalla and Geta	—	211
Macrinus and his son	—	217
Heliogabalus	—	218
Alexander	—	222
Maximus and his son	—	235
Pupienus and Balbinus	—	238
The Gordiani	—	238
Philip and his son	—	244
Decius and his son	—	248
Gallus and Volusian	—	251
Valerian	—	254
Gallienus	—	259

Claudius II.	A.D. 268
Quintilius	— 270
Aurelian	— 273
Tacitus.....	— 275
Florianus.....	— 275
Probus.....	— 276
Carus.....	— 282
Numerian	— 282
Carinus	— 282
Dioclesian	— 284
Maximian	— 286
Galerius and Constantius	— 304
Constantine the Great	— 306
Constantine, Constans, and Con-	
stantius	— 337
Julian the Apostate.....	— 360
Jovian	— 363
Valentinian and Valens	— 364
Gratian.....	— 367
Valentinian II.	— 375
Theodosius the Great.....	— 379
Honorius	— 395

The Goths, Vandals, and other barbarous nations of the north, began to invade the Roman empire about A.D. 250. It was divided into four parts between the two emperors Dioclesian and Constantius, (which proved the basis of its dissolution,) about 292. The seat of the empire was removed from Rome to Constantinople, by Constantine in 330. It was divided again into the eastern and western empires in 379. The city of Rome was taken and plundered by the Goths in 410; by the Vandals in 455; by the Heruli in 476. It was recovered for Justinian, by Belisarius, 537. In 547 the Goths retook it; and in 553, Narses, another of Justinian's generals, reconquered it for the emperor.

726. Rome with its territory revolted from the Greek emperors, became a free state, and was governed by a senate. Finally, the senate and pope acknowledged Charlemagne, king of France, as emperor of the West, who surrendered the city and duchy to the people, reserving the sovereignty, 800. The popes afterwards made themselves independent, and continued in possession of this renowned city and its territories, called the ecclesiastical states, till 1798. The inhabitants of Rome, June 4, 1780, amounted to 155,184, of whom 36,485 were housekeepers.

The States of the Church were reduced by the French to a republic, and the pope was sent from Rome, February 15, 1798. The pope having been restored to the government, went to Paris to

crowns Buonaparte emperor of France, and performed that ceremony, Dec. 2, 1804. Revolution in the form of the papal government 1809. Ecclesiastical states united to the French empire, January 17, 1810; restoration of the papal government 1815. Rome is now the capital of the States of the Church, and, with the territory around it, forms one of the delegations into which these states are divided. See CHURCH, STATES OF THE, p. 287.

ROMILLY, SIR SAMUEL, one of the most distinguished lawyers of the present day, was born in 1757. He was articled at the age of 16, to one of the six clerks of chancery. At 21 he entered at Gray's Inn, and after five years of assiduous study, was called to the bar in 1783. In the spring of 1784 he first went the circuit, his choice having fallen on the Midland; but having pursued this course for two or three years without making any progress, he gave up the circuit, and attended, in preference, the Coventry and Warwick sessions. In 1800 his practice had so much increased, and he had obtained such celebrity as to be appointed one of the king's counsel. Five years afterwards, on the resignation of Mr. Baron Sutton, he was promoted to the chancellorship of Durham.

On Mr. Fox and Lord Grenville coming into power in 1806, he was appointed solicitor-general, and immediately afterwards was returned member for Queenborough. He introduced to the notice of parliament several measures connected with legal reform, but was unable to effect any great improvement before a change in the government took place, and his party occupied the seats of the opposition. Notwithstanding the loss of office, and of the influence which it gave, he continued his exertions to secure an improvement of the laws, and especially the abolition of the punishment of death in all minor offences. In 1818, parliament having been dissolved, he was elected, early in September, the representative of the city of Westminster, but he was fated never to take his seat in the house. Lady Romilly, who had been ill for some months previously, died October 26, and from the bereavement of a wife with whom he had lived in uninterrupted happiness for 20 years, his mind received so severe a shock that, on October 29, three days after her death, in a paroxysm of fever,

he put an end to his own existence. Thus died a man so much of whose life had been devoted to ameliorate and improve the condition of his fellow-creatures, than whom few were ever more beloved while living, or descended to the grave more regretted.

ROMNEY, GEORGE, an eminent English artist, was born at Dalton in Lancashire, in December 1734. He set out for London in 1762, where he first painted portraits at five guineas a head, and acquired considerable practice. In 1764 he visited France, and obtained admittance to the gallery of the duke of Orleans, the Luxemburg and other repositories of art. On his return to London he continued to advance in reputation and practice, exhibiting with the incorporated society of artists in Pall Mall and in Spring Gardens. In 1775 he took a house in Cavendish-square, where he resided till he retired, in 1798, from public practice. He died in Nov. 1802.

ROOKE, SIR GEORGE, a celebrated naval commander, born in 1650. In 1690 he was appointed rear-admiral of the red, and in that rank he served in the fight off Beachy Head. In 1692 he was promoted to the rank of vice-admiral of the blue, when he served in the famous battle off La Hogue; in which he behaved with such distinguished courage that King William settled a pension of £1000 per annum on him for life. Upon the accession of Queen Anne in 1702, he was constituted vice-admiral and lieutenant of the admiralty of England. In July 1704 he attacked Gibraltar, when, by the bravery of the English seamen, the place was taken on the 24th. At last, obliged by the prevalence of party-spirit, to quit the service of his country, he retired to his seat in Kent, where he spent the remainder of his days as a private gentleman. He died Jan. 24, 1708, in his 58th year.

ROSA, SALVATOR, an admired painter, well known as the author of spirited and extravagant sketches of banditti, &c., was born at Naples in 1614. The style which he formed is peculiarly his own. He spent the early part of his life in a troop of banditti; and the rocky desolate scenes in which he was accustomed to take refuge, furnished him with those romantic ideas of landscape in which he so greatly excelled. He died in 1673, aged 59.

ROSAMOND, daughter of Walter Lord Clifford, and mistress of Henry II. was born in 1162. She was buried in the church of Godstow, Oxfordshire, where her body remained till it was ordered to be removed with every mark of disgrace by Hugh bishop of Lincoln in 1191.

ROSARY, or beads, first used in Romish prayers 1093.

ROSAS, ancient Rhodia, a town of Spain, was taken by the French in 1703, and again in 1808, when the town was burned.

ROSBACH, in the upper circle of Saxony, totally disappeared, supposed by an earthquake, October 1792.

ROSCIUS, QUINTUS, a Roman actor of great celebrity, was a native of Gaul, and was contemporary at Rome with the celebrated actor Esopus. So great were his talents for the stage, and such was the degree of perfection to which he carried his art, that, according to Cicero, a complete master in any other art was popularly called the Roscius of it. He died A.C. 61.

ROSCOE, WILLIAM, associate of the Royal Society of Literature, and F.L.S., was born at Liverpool, of obscure parentage. At the age of 16 he was admitted as an articled clerk to Mr. Eyes, a respectable attorney in Liverpool. While engaged in the duties of the office, he found means to acquire a knowledge of Latin, and afterwards of French and Italian. After the expiration of his articles he entered into partnership with Mr. Aspinall, when the entire management of an office, extensive in practice, and high in reputation, devolved on him alone. In December 1773 he recited before the society formed at Liverpool for the encouragement of drawing, painting, &c., an ode, which was afterwards published with "Mount Pleasant." He occasionally gave lectures on subjects connected with the objects of this institution, and was a very active member of the society. The great work on which Mr. Roscoe's fame chiefly rests, his "Life of Lorenzo de Medici," was commenced in 1790, and completed in 1796. In 1805 appeared his second great work, "The Life and Pontificate of Leo the Tenth," the son of Lorenzo de Medici. In 1806 he was elected one of the members for his native town in parliament. His senatorial career was brief; but during its continuance he distinguished

himself as a steadfast advocate of the principles he had always professed, and as a warm partisan of the cause of emancipation throughout the debates upon the slave trade. After the dissolution, in 1807, he declined entering upon a new contest, and from that time interfered with politics only by means of occasional pamphlets. He died June 30, 1831, aged 80.

ROSCOMMON, EARL OF, English poet, died 1684.

ROSE, REV. HUGH JAMES, B.D., principal of King's College, London, was born at Uckfield, and educated at Trinity College, Cambridge, where he was senior medalist of his year (1817) and 14th wrangler; was made vicar of Horsham in 1822; Christian advocate at Cambridge in 1829; professor of Divinity in the university of Durham in 1833; and principal of King's College, London, in 1836. He performed the duties of his several offices with the most exemplary fidelity and ability; and his distinguished talents, varied learning, zealous piety, and benevolent and amiable character, gained for him a high respect and a commanding influence. He died December 22, 1838.

ROSENMULLER, JOHN GEORGE, critic, born 1736, died 1815.

ROSLIN, village, Mid Lothian, Scotland, remarkable for its ancient chapel and castle. The castle was built about the middle of the 12th century. The chapel was founded in 1446, by William Saint Clair. The fields immediately contiguous are celebrated in history as the scene of three sanguinary engagements betwixt the English and Scotch, all fought on the same day, February 24, 1303.

ROSS, CAPTAIN, arrived at Hull, October 18, 1833, on his return from his Arctic expedition, after an absence of four years, and when all hope of his return had been nearly abandoned.

ROSSI, GIOV. GHERARDO DE, director of the academy of fine arts at Naples. As a dramatic writer, he was reckoned among the best of his day. He died March 28, 1827.

ROSTOCK, a town in the duchy of Mecklenburg, contains a university founded in 1419. In 1437 the town fell under the ban both of the emperor and pope, and the professors removed to Griefswalde, whence they returned again in 1443. In 1487 the university was

removed to Lubeck, but again restored in 1492. In 1218 it was admitted into the Hanseatic confederacy. The commerce has greatly increased of late years. The total value of all sorts of exports, in 1835, was estimated at about £185,000.

ROTHERSAY CASTLE, steam-boat, plying between Liverpool and Beaumaris, lost on the night of August 17, 1831, with nearly 200 passengers and crew on board, of whom only about 20 were saved.

ROTHSCHILD, N. M., the leading stockbroker of Europe, died at Frankfurt, July 28, 1836. His remains were brought to London for interment in the Jews' burial ground, Whitechapel-road.

ROTTERDAM, seaport of Holland, is of considerable antiquity. In 1270 it was surrounded with ramparts, and honoured with several privileges; but 27 years after, it was taken by the Flemings. In 1418 Brederode, chief of the Haeks, made himself master of it; since that period it has continued yearly to increase by means of the conveniency of its harbour.

ROUBILIAC, famous sculptor, died Jan. 11, 1762.

ROUEN, city, France, formerly capital of Normandy. Joan of Arc, the maid of Orleans, was burnt here by the English in 1431. The cathedral was struck by lightning; the principal tower destroyed, and part of the nave and covering of the choir burnt, Sept. 15, 1822.

ROUND TABLE, order of knighthood, began 516; revived 1344.

ROUSSEAU, JEAN JAQUES, was born at Geneva, June 28, 1712. According to his "Confessions," his early life was marked by scenes of the most gross description, dishonourable alike to the author and his early associates. He was first put apprentice to an attorney, and after this to an engraver, but he became a fugitive from his master when he was in his 15th year. In 1741 he went to Paris, where he was long in very destitute circumstances. The year 1750 was the commencement of Rousseau's literary career, in his "Discourses against the Sciences," in consequence of which he found himself involved in a formidable train of correspondence. From that period he decreased in happiness as he increased in celebrity. In 1760 Rousseau published his celebrated novel, "Julie, ou la Nouvelle Héloïse;" in 1762 his "Emilie, ou de l'Education,"

which may be regarded as his principal work. The French parliament condemned this book in 1762, and entered into a criminal prosecution against the author, which forced him to a precipitate retreat. Rousseau set out for London in 1766, where his morbid sensibility led to a quarrel with Hume, although the latter had procured for him a very agreeable settlement in the country. In 1770 he returned to Paris, where he was contented with living in a calm philosophical manner, giving himself only to the society of a few tried friends. He died of an apoplexy at Ermenonville, a castle the seat of the marquis de Girardin, about ten leagues from Paris, July 2, 1778, aged 66 years.

ROVIGO, DUKE OF, a minister of Napoleon's government, died June 1, 1833.

ROWAN, ARCHIBALD HAMILTON, well known for his connection with the Irish rebellion, trial, escape, &c., died in Dublin, Nov. 2, 1834, aged 84.

ROWE, ELIZABETH, the author of "Devout Exercises," &c., died Feb. 20, 1737, aged 63.

ROWE, NICHOLAS, the author of "Jane Shore," the "Fair Penitent," &c., died 1718, aged 44.

ROWLEY, eminent English mathematician, died 1728.

ROY, RAMMOHUN, an Indian rajah, converted to Christianity. He visited England, and died at Stapleton, near Bristol, Sept. 27, 1833.

ROYAL ACADEMY of painting, sculpture, and architecture, founded 1768. The first president was Sir Joshua Reynolds in 1769. See REYNOLDS. The annual exhibition, formerly at Somerset-house, was removed in 1837 to the National Gallery, Trafalgar-street.

ROYAL EXCHANGE, founded by Sir Thomas Gresham 1566. See GRESHAM. Entitled royal by Queen Elizabeth, Jan. 29, 1571; burnt down 1666; rebuilt 1670; repaired and beautified Sept. 28, 1769; the tower rebuilt 1821; repaired 1824; burnt down again Jan. 10, 1838. Sale of the materials April 1838, which produced nearly £2000. The alto-relievo, in artificial stone, representing Queen Elizabeth proclaiming the Royal Exchange, sold for £21; the corresponding alto-relievo, representing Britannia seated amidst the emblems of commerce, accompanied by science, agriculture, manufactures, &c., £36.; the

carved emblematical figures of Europe, Asia, Africa, and America, £110.

ROYAL SOCIETY OF ENGLAND, instituted by King Charles II., derived its origin from the private meetings of a few individuals distinguished for their love of science, who, about 1645, agreed to meet regularly on a certain fixed day of the week, for the discussion of philosophical subjects. The king granted them a royal charter, dated July 15, 1662; and a more ample one was granted April 22, 1669, by which they were erected into a corporation, and endowed with various privileges and authorities. The Royal Society thus formed consisted, as it now does, of a president, council, and fellows. Their first president was Lord Brouncker. In 1703 Sir Isaac Newton was elected to the chair, which he filled during 25 years. Among the more recent distinguished presidents of this society was Sir H. Davy, from 1820 to 1827. On the resignation of the duke of Sussex November, 1839, the marquis of Northampton was chosen.

RUBENS, PETER PAUL, an eminent Flemish painter, was born at Cologne in 1577. Having travelled in Italy to study the productions of the most eminent artists, he established himself at Antwerp, where his success in his art, and the honours and wealth which were accumulated upon him, excited the envy and malignity of many of his rivals. In 1620 he was invited to Paris by Mary de Medicis, queen of Henry IV. of France, where he painted the galleries in the palace of Luxemburg. He came over to England in 1630, and Charles I. treated him with every mark of respect; and as an acknowledgment of his merit, created him a knight. He returned to Antwerp, where for some time he enjoyed his well-earned fame and honours. He continued to exercise his art until 1640, when he died aged 63. Among his finished pieces may be mentioned the Crucifixion; but of all his works, the paintings of the palace of Luxemburg best display his genius and his style.

RUDDIMAN, THOMAS, grammarian, born 1674, died 1757.

RUDHARD, M. VON, the late chief minister of Greece, born in 1790, in Upper Franconia, died at Trieste, shortly after resigning his office, April 11, 1838.

RUE, ABBE', GERVAIS DE LA,

honorary canon of the cathedral of Bayeux, knight of the legion of honour, member of the Institute, dean of the faculty of letters of the Royal Academy of Caen, and foreign member of the Society of Antiquaries of London, died September 27, 1835.

RUFFHEAD, OWEN, eminent English lawyer, died 1769.

RUFFO, CARDINAL FABRIZIO, was born at Naples, September 10, 1744, and distinguished himself by his financial talents during the pontificate of Pius VI. In 1799 he accomplished the task of reconquering Naples from the French. In 1801 he was appointed minister plenipotentiary from the king of Naples to the court of Rome. After the imprisonment of Pius VII. at Savona, Napoleon invited the cardinal to Paris, and bestowed on him the cross of the legion of honour. He returned to Rome with the pope in 1814. During the latter years of his life, he resided chiefly on his estates in the kingdom of Naples. He died Dec. 13, 1827.

RUFINUS, an ecclesiastical writer, was born about the middle of the fourth century, in Italy. After various travels, in 407 he returned to Rome; but the year after, that city being threatened by Alaric, he retired to Sicily, where he died in 410.

RUHNKEN, the Dutch philologist, born 1723, died 1798.

RULING MACHINES, used in engraving, invented by a Dutchman at London, 1782; greatly improved by Woodmason, Payne, Brown, &c.; introduced into Scotland, 1803.

RUM, a spirituous liquor, imported from the West Indies, obtained by means of fermentation and distillation, from molasses, the refuse of the cane juice, and portions of the cane, after the sugar has been extracted. During the three years ending with 1802, when the duty in Great Britain was about 9s. a gallon, and in Ireland 6s. 8 $\frac{3}{4}$ d., the consumption of the United Kingdom amounted to 3,150,000 gallons a year. During the three years ending with 1823, when the duty in Great Britain was 13s. 11 $\frac{1}{2}$ d. a gallon, and in Ireland 12s. 8 $\frac{3}{4}$ d., the annual consumption amounted to only 2,307,000 gallons. The reduction of the duty in 1826, to 8s. 6d, increased the consumption from about 2,500,000 to above 3,600,000 gallons, in 1830.

RUMBOLD, SIR GEORGE, English minister to the Hanseatic towns, seized at Hamburg by the French, and carried to Paris, October 24, 1804.

RUMFORD, COUNT BENJAMIN, the author of "Experiments on Heat," &c., born 1753, died August 19, 1814.

RUMSEY ABBEY, Hants, built in 972.

RUNNEMEDE, or RUNNYMEDE, the place where Magna Charta was signed. See MAGNA CHARTA.

RUPERT, PRINCE, the third son of Frederick, elector palatine of the Rhine, and Elizabeth, daughter of King James I. of England, was born in 1619. In 1642 he came over to England, and offered his services to King Charles I., who gave him a command in his army. When a part of the English navy, in 1648, went over to Charles II., it was placed under the command of Prince Rupert, who was employed in some important services, and greatly distinguished himself in the Dutch war in 1673, &c. He died at his house in Spring Gardens, Nov. 29, 1682.

RUSSELL, DR., author of the "History of Modern Europe," died 1794.

RUSSELL, LORD WILLIAM, a distinguished patriot during the reign of Charles II., was born September 29, 1639. He was committed to the Tower on a false charge of being concerned in the Ryehouse plot; and after some of the conspirators had been condemned and executed, and the nation was fully impressed with horror of a plot supposed to be connected throughout with a design of assassination, he was brought to trial in July 1683. The jury, after a very short deliberation, found the prisoner guilty, and he received the sentence of death. He suffered with resignation and composure on July 21 following.

RUSSELL, LADY RACHEL, the venerated relict of the martyr of liberty, and author of "Letters," died 1723.

RUSSELL, LATE LORD WILLIAM, uncle of the duke of Bedford and Lord John Russell, found dead in his bed at his house in town, with his throat cut, April 5, 1840. Courvoisier, his Swiss valet, was afterwards tried and executed as his murderer.

RUSSIA, or Muscovy, was anciently Sarmatia, and inhabited by the Scythians. The earliest authentic account of this country is when Rurick was grand duke of Novogorod, in 862. The Poles con-

quered it about 1058. Andrey I. began his reign 1158, and laid the foundation of Moscow. In the 13th century the seat of government was transferred from Kiev to Moscow. In 1382 that city was taken after a short siege, by Tamerlane, and the east frontier continued subject to repeated invasions from the Tartars. In 1477, under the prosperous reign of Ivan I., the town of Novogorod, a part of Lithuania, were incorporated with the Russian dominions. In 1552 Moscow was entered and consigned to flames by the Tartars.

The extinction of the reigning dynasty in 1595, by the death of the czar, Theodore, proved a prelude to a long series of civil struggles, until 1613, when a nobleman of the name of Romanof was created sovereign, and succeeded in restoring tranquillity to Russia. His son Alexis, a prince of ability, recovered part of the provinces lost in the preceding disorders, but died in 1675; leaving three sons, of whom the youngest was the celebrated Peter I., surnamed the Great. See PETER I.

In 1709 the empire was invaded by Charles XII. of Sweden; but from the battle of Pultawa (1709), fortune favoured the arms of Peter. Poland and his north-west provinces were recovered, and the latter were definitely confirmed to Russia by the peace with Sweden in 1721. Peter died in 1725, in his 53d year; he was succeeded by his widow, Catherine I., who reigned only two years, and her son, Peter II., only three years. Anne, a niece of Peter, came to the throne in 1730, and reigned until 1740. Ivan III., a child, bore the name of sovereign hardly two years; but the reign of Elizabeth, daughter of Peter I., lasted 20 years, and proved a period of great splendour. Her successor, Peter III., was a weak prince, who lost both his throne and life in the first year of his reign.

The imperial power was vested in his widow Catherine II. Her first war with Turkey lasted from 1768 to 1774, with great success. In 1773 the first partition of Poland took place; in 1787 a second war with Turkey was begun and carried on, first in conjunction with Austria, afterwards by Russia alone; it was then that the energy of the Russian arms was called forth, and led to the successes of Suwarrow. Peace was signed in 1792, in consequence of the hostile

attitude of England; and about three years afterwards the final division of Poland took place. Catherine died in 1796, leaving her throne to her son, the feeble Paul I.

The campaign of 1799 first brought the Russian and French arms into contact. In Italy the Russians, commanded by Suwarrow, were victorious. The Russians again met the French in Switzerland, under Korsakof, where they were defeated; and the contest was cut short by Paul, who recalled his troops in 1800: he perished by a conspiracy in 1801.

Alexander his son, succeeded to the throne, and preserved peace until the aggressions of Buonaparte led to the formation of the third coalition in 1805. The continual usurpations of Buonaparte again roused the Russian court; and in 1812 began the fourth great struggle between Russia and France: the plan pursued by the Russians of destroying supplies proved successful. This was exemplified in the destruction of the ancient capital of the czars in 1812. See MOSCOW. The emperor Alexander died Dec. 1, 1825, and was succeeded by Nicholas, the present emperor.

In 1827 a war with Persia broke out, occasioned by some disputed territory on the north-west boundary, between the two countries, towards Georgia. Fall of Erivan the same year; the trenches were opened on the night of Oct. 7. During six days the works were carried on with activity, and a battery was erected. On the 19th the garrison surrendered prisoners of war. This opened up to the Russians a passage into the heart of the Persian territory, and led to peace in the following month.

The same year war was declared against Turkey; and in May 1828, the Russians had crossed the Pruth. After a series of rapid successes, before the end of the campaign, they took possession of Varna, where they established themselves during the winter. The next campaign was equally successful; so that before the end of the year 1829, they were enabled to dictate the terms of peace almost at the gates of Constantinople. In 1833 Russia made an attack on Poland, by which that country was almost annihilated. See POLAND.

1837. The aggressive policy of Russia in the East became a subject of disturbance to England. In 64 years Russia had approached 450 miles nearer Con-

stantinople; she had possessed herself of the metropolis of Poland, while the capital of Sweden, from which, in Peter the Great's time, her boundary was 300 miles distant, was now within a short march of her garrison. Within the same period she had extended herself about 1000 miles in the direction of India, and towards the Persian capital. The battalions that invaded Persia found, at the termination of the war, that they were as near to Herat as to the banks of the Don, and that they had already accomplished half the distance to Delhi. The progress of this ambitious power was, however, severely checked by the Circassian war, which commenced this year.

1838. Russia regained her ascendancy in the cabinet of the Schah of Persia, and in defiance of the remonstrances of the British government, that monarch conducted an expedition against Herat at her instigation. The Marquis Clancricarde, envoy from Great Britain to St. Petersburg, presented to Count Nesselrode a note, demanding an explanation of the events which had taken place in Persia and in Affghanistan, and complaining of the proceedings of the Russian ambassador in Persia, Count Simonitsch, and of the Russian agent Witkewitsch, at Cabool. For an account of the war brought on by these intrigues, see CABOOL.

RUSSIAN COMPANY was first incorporated by charter of Philip and Mary, sanctioned by act of parliament in 1566. The statute 10 and 11 Will. III. c. 6. enacts, that every British subject desiring admission into the Russian company, shall be admitted on paying £5; and every individual admitted into the company conducts his business entirely as a private adventurer, or as he would do were the company abolished.

RUTER, MARTIN, D.D., a distinguished American minister of the Methodist episcopal church, was born April 3, 1785, at Charlestown, Mass. He was elected in 1827 president of Augusta College in Kentucky, which office he resigned in 1832, and was stationed for two years at Pittsburg, Pa. In 1834 he became president of Alleghany College at Meadville, which office he sustained till 1837, when he resigned

it for the purpose of undertaking the superintendence of a mission to Texas, where he fell a sacrifice to his zealous and benevolent labours. He died May 16, 1838.

RUYSCH, FREDERICK, anatomist, born 1638, died 1731.

RUYTER, MICHAEL ADRIAN DE, a distinguished Dutch naval officer, was born at Flushing in 1607. In 1641 he was sent to the assistance of the Portuguese, who had thrown off the yoke of Spain. When war broke out in 1652 between the English and Dutch, he was appointed to the command of a squadron. He fell in with the English Admiral Ayscough, with whom he had an engagement off Plymouth, which terminated to the advantage of the Dutch. De Ruyter likewise distinguished himself in the terrible battle of three days, fought in February, 1653, between Tromp and Blake, near the mouth of the Channel. After other services, he obtained a signal victory over the combined fleets of France and Spain in 1672. The next year he had three engagements with the fleets of France and England, in which his bravery was still more distinguished. But he did not long enjoy his triumphs; in an engagement with the French fleet in 1676 off the coast of Sicily, he lost the day, and received a wound of which he died at the age of 69, deeply regretted by his country and admired by all Europe.

RYAN, LACY, eminent actor and dramatic writer, died 1760.

RYE, market town, Sussex, is a place of considerable antiquity. It is mentioned as a cinque port in the reign of Henry III.; and in that of Edward III., a wall, with several towers, was erected for the defence of the town. In the reign of Richard II. the French landed here, and plundered and burnt the town; but in the reign of Elizabeth it had again become a place of importance.

RYE-HOUSE PLOT, prevented by a fire that happened at Newmarket, March 22; discovered June 14, 1683.

RYMER, THOMAS, English antiquarian and historian, died 1713.

RYSWICK, PEACE OF, between France, England, Spain, and Holland; signed by Germany, Oct. 30, 1697.

S.

SABA, island, West Indies, planted by the Dutch 1640. It was taken by the English in 1781, and again in 1801, but afterwards restored.

SABBATICAL YEAR among the Jews; the first was A.C. 1451.

SABELLIANS, a sect of Christians of the third century. They embraced the opinions of Sabellius, a philosopher of Egypt, who openly taught that there is but one person in the Godhead. Sabellianism spread to a great degree in 375; there were many of that opinion in Mesopotamia and at Rome.

SABRINA ISLAND, in the Azores, which suddenly appeared in Jan. 30, 1811, gradually disappeared Oct., 1811.

SACHEVEREL, DR. HENRY, a famous clergyman of the church of England, in the reign of Queen Anne; who distinguished himself by sermons and writings against the Dissenters, &c. He owed his consequence to being indiscreetly prosecuted by the house of lords for his assize sermon at Derby, and his fifth of November sermon at St. Paul's in 1709; in which he asserted the doctrine of non-resistance to government in its utmost extent, and reflected severely on the act of toleration. His trial, March 1710, inflamed the high-church party to dangerous riots and excesses: he was suspended for three years, and his sermons burned by the common hangman. He died 1724.

SACRAMENT, ST., or COLONIA, city, republic of Buenos Ayres, was founded by the Portuguese in 1679, under Don Manuel de Lobo, and has occasioned many struggles between Spain and Portugal. It was successively wrested from its founders, restored by Charles V. to the Portugues, resumed in 1750 by Spain, and in 1778, ceded to the Spaniards.

SADDLERS' COMPANY, London, incorporated 1280.

SADDUCEES, a sect among the ancient Jews; according to the Jewish Talmud, derived their name from Sadoc, and arose about A.C. 260. They denied the resurrection of the dead, and the existence of angels, and of the spirits or souls of men departed. Under the

reign of Hyrcanus, who about A.C. 130 possessed the supreme civil and sacerdotal power, the Sadducees were the leading sect. After the destruction of Jerusalem the sect fell into contempt among their countrymen; but in the beginning of the third century they were formidable in Egypt, and met with defenders in the 8th and 12th centuries. There are still Sadducees in Africa, and in several other places.

SADI, the author of the Persian poems, "The Garden of Roses," and "The Garden of Fruits," died 1296, aged nearly 100.

SADLER, MICHAEL THOMAS, formerly M.P. for Newark, and afterwards for Aldborough, in Yorkshire. He was well known for his exertions in connection with the factory question, and for his works on population and on Ireland. He died at Belfast of disease of the heart, July 29, aged 55.

SAFETY LAMP, invented by Sir Humphry Davy about 1815, for illuminating mines, and at the same time for greatly diminishing, if not completely annihilating, the danger of explosion. This invention consists of a lamp, or rather a number of air-tight lanterns of various constructions, supplied with air from tubes or canals of small diameter; or from apertures covered with wire-gauze placed below the flame, through which explosions cannot be communicated, and having a chimney at the upper part for carrying off the foul air. Some improvements, originating in Sir Humphry's researches into the nature of flame, were afterwards effected.

In 1838 a new safety lamp was invented by Messrs. Bursill, which consists of a portable iron cylinder being highly charged with condensed atmospheric air. At one end of this cylinder is a double way cock, to supply the safety lamp and the tube for breathing, when required. A number of these cylinders, prepared with straps to fasten on the back, are to be charged with pure atmospheric air from an air-pump, worked by the steam-engine, and afterwards to be lowered into the mine for the use of the miners. It is calculated

that one of these small portable cylinders will contain a supply of atmospheric air for three or four hours.

SAFFRON, first brought to England by a pilgrim, 1389, cultivated 1582.

SAGE, LE, author of "Gil Blas," born 1677, died 1727.

SAGUNTUM, an ancient town of Spain, now called Morvedro, reduced by Hannibal A.U.C. 528; remained under the dominion of the Carthaginians till 538, when Scipio having humbled the power of Carthage in Spain, in process of time recovered Saguntum, and made it a new city.

SAILORS' (DESTITUTE) ASYLUM, or Bethel Maritime Establishment, Wellclose-square, founded 1829.

ST. JOHN, HENRY. See **BOLINGBROKE**.

ST. PAUL'S CATHEDRAL. See **PAUL'S**.

ST. PIERRE, HENRY BERNARDIN, author of the "Studies of Nature," &c., died 1814, aged 77.

SALADIN, a celebrated sultan of Egypt, equally renowned as a warrior and legislator, was born in 1137. By the death of Al-Malek in 1181, he obtained the possession of Syria, as well as Egypt. He now manifested an ardent desire to expel the christians from Palestine, and recover the city of Jerusalem, which he soon effected, and entered the holy capital in great triumph. The loss of Jerusalem excited the utmost grief and consternation among the christian powers. The kings of France and England, with several other princes, took the cross. Succours arrived from various parts of Europe; and they were enabled in 1189, to undertake the recovery of Acre; which, in 1191, surrendered to their united arms. Philip of France upon this event, returned to Europe; but Richard I. of England, remained; and after he had twice defeated Saladin, took Cæsarea and Jaffa, and spread alarm as far as Jerusalem. At length a truce was made between the two sovereigns. The departure of Richard freed Saladin from his most formidable opponent; but he died at Damascus in 1193, at the age of 56.

SALAMANCA, an ancient city of Spain, near the river Tormes. The university was founded in 1239. The number of students is about 300 or 400. The banks of the river, and the country west of Salamanca, were the scene of an

engagement between the British under Lord Wellington, in 1812.

SALAMIS, an island of the Archipelago, famous in antiquity for a battle between the Greek and Persian fleets, fought A.C. 479, in the strait formed between it and the continent.

SALE, GEORGE, translator of the Koran, died 1736.

SALIC, or **SALIQUE**, an ancient law of France, by which females are excluded from inheriting the throne, confirmed in the reign of Pharamond, 424; first quoted 1327.

SALISBURY, or **NEW SARUM**, Wilts, was founded in the beginning of the 13th century. The see of Sarum, an ancient city about two miles distant, was transferred hither by bishop Le Poor, Henry III. granted the inhabitants a charter, entitling them to the same rights and privileges as were enjoyed by the people of Winchester. National councils were held here in 1296 by Edward I.; in 1328 by Edward III.; there was also one in 1384. The charter bestowed by Henry III. was renewed by Edward I., and several of his successors. The cathedral church, completed in 1258, is one of the purest specimens of the early Gothic, and dedicated to the Virgin Mary.

SALLEE, a seaport town of Africa, on the coast of Morocco, was formerly the great hold of Moorish piracy; and great depredations were committed from it upon European commerce. These are now confined to the Barbary states, and the only trace of these proceedings now remaining at Sallee is an immense dreary dungeon formed under ground for the captives. Near the mouth of the river, below Rabat, are the remains of a large and strong castle, built in the 12th century by Jacob Almansor, but demolished by the late emperor, who preserved only some magazines remarkable for their strength.

SALLUST, CAIUS CRISPUS SALLUSTIUS, a celebrated Roman historian, was born at Amiternum, a city of Italy, A.U.C. 669; A.C. 85. He was made quæstor A.U.C. 694, and afterwards tribune of the people. By virtue of his quæstorship he obtained an admission into the senate, but was expelled thence by the censors in 704, on account of his immoral and debauched way of life. In 705 Cæsar restored him to the dignity of a senator. In 707 he was made præ-

tor for his services to Cæsar, and sent to Numidia. He died at the age of 50, in A.U.C. 710. His only compositions that have come to modern times, in a state of tolerable perfection, are the history of Catiline's conspiracy, and of the wars of Jugurtha, king of Numidia.

SALMASIUS, the opponent of Milton, born 1596, died 1652.

SALOP, or **SHROPSHIRE**, England, bordering on the last retreat of the Britons on the invasion of the country by the Saxons, became the scene of many conflicts of the contending nations. In the 9th century it was infested by the Danes, who destroyed the ancient city of Virioconium, which occasioned the foundation of Shrewsbury, a few miles north of that station. This county was the theatre of hostilities between Stephen and the empress; and in 1164 Henry II. assembled an army in Shropshire for the invasion of Wales. In the civil war under Charles I., the Salopians favoured the royal cause. Sieges and battles took place at Tong Castle, Oswestry, Shrewsbury, Ludlow, and Bridgenorth, which last was taken by the parliamentarians in 1646, when the contest was nearly terminated.

SALSETTE ISLE, Hindoostan, is very rich in mythological antiquities. It was long possessed by the Portuguese, but was wrested from them by the Maharattas in 1750. In 1773, during a rupture with that nation, the Company's troops obtained possession, and it was ceded by the Maharattas at the treaty of Poorunder in 1776. In 1783 the small islands in the gulf formed by Bombay and Salsette were added.

SALT, HENRY, F.R.S., British consul-general in Egypt. He accompanied Lord Valentia to the Levant, Egypt, Abyssinia, and the East Indies; and the travels of that nobleman, published in 1809, derived great benefit from the graphic illustrations of Mr. Salt. He was employed by government as the bearer of presents to the emperor of Abyssinia, the result of which mission appeared before the public in 1814, in a work entitled "A Voyage to Abyssinia, and Travels into the interior of that country." He died at a village between Cairo and Alexandria, October 30, 1827.

SALT MINES, SPRINGS, &c. The principal are at Wielitska in Poland, Catalonia in Spain, Altemonte in Calabria, Loowur in Hungary, in many places in

Asia and Africa, and in Cheshire in this country. These mines have been wrought for more than 600 years. The salt mines in the neighbourhood of Northwich and Cheshire are very extensive. They have been wrought since 1760. The greater part of this salt is exported.

In England, duties upon salt were imposed in the reign of William III. In 1798 they amounted to 5s. a bushel; but were subsequently increased to 15s. a bushel, or about 40 times the cost of the salt. The opinion of the public and of the house of commons having been strongly pronounced against the tax, it was finally repealed in 1823.

SALTER'S COMPANY, London, incorporated 1558.

SALTPETRE, or **NITRATE OF POTASH**. Beckmann contends that the ancients were unacquainted with saltpetre. It has been known, however, in the East from a very early period. Gunpowder was invented in India, and brought by the Saracens from Africa to the Europeans, who improved its manufacture, and made it available for war-like purposes. Saltpetre was first made in England in 1625. Lately a new species of saltpetre, under the denomination of nitrate of soda, has been received from South America. The imports of it have much increased since 1831. The deliveries of this description for home consumption, have been, in 1831, 70 tons; in 1832, 690 tons; and in 1833, 1210.

SAMARCAND, or **SARMACAND**, ancient and celebrated city of Asia, formerly the capital of the kingdom of Sogdia, in the time of Alexander the Great. In the time of Jenghiz Khan in the 13th century, it was forced to yield to the arms of that cruel conqueror. It was afterwards, in the 14th century, the capital of the empire of Timour the Great, and was then in its zenith. Although less magnificent than formerly, and much declined since the time of Timour, it is still large and populous. Of late, under the government of Shah Murad Bey, who took it from the Tartar tribe, it has recovered some of its former greatness.

SAMARIA, a country of Judea, with a capital city of the same name. The city was built by Omri, king of Israel, who began to reign in A.M. 3079, and died A.M. 3086. It was besieged by Shalmaneser, king of Assyria, and taken three years after in A.M. 3283. When

Alexander the Great came into Judea, he took Samaria, and put in Macedonians to inhabit it; giving the country round it to the Jews. The kings of Egypt and Syria, who succeeded Alexander, deprived them of the property of this country. But Alexander Balas, king of Syria, restored to Jonathan Maccabæus, the city of Lydda, Ephrem, and Ramatha. Lastly, the Jews re-entered into the full possession of this whole country, under John Hircanus the Asmonæan, who ruined it. It continued in this condition till A.M. 3937, when Aulus Gabinius, the proconsul of Syria, rebuilt the city and gave it the name of Gabiniana. Herod the Great, before the birth of Christ, restored it to its ancient lustre, and gave it the Greek name of Sebaste. The Samaritans have latterly been very few in number. An account of their usages was published by Joseph Scaliger, in A.D. 998, translated into Latin by Father Morin; printed in England in 1682.

SAMOS, (ancient Parthenias,) island of the Grecian Archipelago, separated from Asia Minor by a narrow strait. Its capital of the same name was built A.C. 986. The Samians assisted the Greeks against the Persians when Xerxes invaded Europe, and were reduced under the power of Athens, after a revolt, by Pericles A.C. 441. They were afterwards subdued by Eumenes, king of Pergamus, and were restored to their ancient liberty by Augustus. Under Vespasian, Samos became a Roman province.

SAMUEL, the twelfth and last judge of Israel, for 21 years, about A.C. 1116.

SANCHONIATHON, an ancient Phœnician philosopher and historian, who flourished about A.C. 1100. Of this writer, the only remains extant are sundry fragments of cosmogony.

SANCROFT, archbishop of Canterbury, born 1616; committed to the Tower, tried, and acquitted, 1688; deprived 1689; died November 24, 1693, aged 77.

SANCTORIUS, an ingenious Italian physician, born 1561, died 1636.

SANCTUARIES, instituted 617; abolished in England 1534.

SANDBY, THOMAS, an English artist, born 1721, died June 24, 1798.

SANDBY, PAUL, an English artist, born 1732, died 1809.

SANDEMANIANS, a modern religious sect that originated in Scotland about

1728, called also Glassites from Mr. John Glass, who was expelled by the synod from the church of Scotland. About 1755, Mr. Robert Sandeman published a series of letters, in which his views of faith corresponded with that of the Glassites, and gave his name also to the sect.

SANDERSON, English antiquary, died 1741.

SANDOWN CASTLE, Isle of Wight, built 1539.

SANDWICH, borough, Kent, and one of the cinque ports, under Wilfred, archbishop of Canterbury, about 655, gradually advanced to importance. In the reign of Henry VI., the French landed and plundered the town. Charles VIII. of France despatched hither 4000 men, who landed, and after a bloody conflict, gained possession of the town, set fire to it, and put most of the inhabitants to the sword. To prevent the recurrence of such disasters, Edward IV. new walled, ditched, and fortified it. Since then it has in great measure recovered its prosperity.

SANDWICH ISLANDS, group of islands, North Pacific Ocean, discovered by Captain Cook in 1778. It was at Owhyee, the largest of this groupe, that he lost his life in 1779. See **OWHYEE**. The inhabitants of these islands have been particularly distinguished by their efforts to raise themselves to the level of European arts and civilization. In this career they were first led by Tamahama I., who about 1794, with the assistance of Vancouver, and of Young and Davis, two English seamen, began to form a small navy. His son, Riho-Riho, in 1819 embraced christianity, and abolished idolatrous worship. Since 1825, missionaries from the United States have made great efforts for the instruction of the natives, and have established an extensive influence. The principal commercial activity prevails at Honococ, in the island of Woahoo, the only place in these islands deserving the name of a town. Recently, however, Mowee, or the island of that name, has been preferred by many as a place for re-fitting.

1838. A newspaper was established in the Sandwich islands; the first number of which furnishes some curious particulars of their state and progress. From July 1, to Dec. 14, 1836, there were 154 arrivals at the port, of which 80 were brigs and schooners belonging to the

country, 56 from the United States, and 17 from England. A treaty of commerce was concluded in Nov. 1837, between the king and Lord F. Russell, of H.M.S. Acteon, which secures to British subjects the right to establish themselves in the Sandwich islands, to build houses and import all sorts of merchandize.

SANSON, NICHOLAS, an eminent French geographer, born 1600, died 1667.

SAPPHO, a celebrated lyric poetess of antiquity, was born at Mitylene, in the isle of Lesbos, about A.C. 610. Of her numerous poems, there is nothing remaining but some small fragments, a Hymn to Venus, and an Ode to a Young Female.

SARAGOSSA, or **ZARAGOZA**, city, north-east of Spain, has a university founded in 1478; an academy of fine arts, and two public libraries. This city is celebrated for the sieges of 1808 and 1809, which were sustained with the greatest courage and perseverance against the French armies. In 1835 an insurrection took place at Saragossa against the ecclesiastics; five or six of the convents were broken into, and pillaged or set on fire; and 12 monks were murdered in cold blood.

SARDINIA, kingdom, south of Europe, called also the kingdom of Piedmont and Sardinia, consisting of the island of Sardinia, Piedmont, Savoy, Genoa, &c. The reigning family is descended from the counts of Savoy, who are of great antiquity. In the early part of the 11th century, a branch of that house possessed the principality of Piedmont: but becoming extinct in 1418, their dominions were added to Savoy. The political importance of this state was increased by the contest between France and Austria for the north of Italy; in which, after the siege of Turin by the French in 1706, followed their signal defeat by the allies, under prince Eugene. After a peace of half a century, the kingdom of Sardinia took part in the wars of the French revolution. This contest was maintained until 1796, when the assumption of the command by Buonaparte led to the overthrow of the allied forces, and the conclusion of an unfavourable treaty of peace. This was followed by the removal of the royal family to the island of Sardinia, and the incorporation of their continental states with the French territory. They were

restored to the legitimate sovereign on the overthrow of Buonaparte in 1814. The Genoese territory was added by the Congress of Vienna in 1815.

SARPI, or FATHER PAUL. See **PAUL**.

SARUM, OLD, formerly an ancient, and now a deserted and disfranchised borough, Wilts. It returned members to parliament the 23d of Edward I.; and the next return was made the 34th of Edward III., since which time it has continued to return members till the passing of the Reform Act in 1832, when the borough was disfranchised.

SARTI, SIGNOR, musical composer, born 1720, died July 28, 1802.

SAUNDERS, GEORGE, F.R.S., architect, and a diligent and learned antiquary, died 1839.

SAUNDERS, PRINCE, attorney-general of Hayti, one of the best educated men of colour in America, was born at Thetford, United States. About 1806 he was employed to teach a free coloured school at Colchester, in Connecticut, and afterwards in Boston. From Boston he went to Hayti, where he was employed by Christophe to improve the state of education in his dominions, and was sent to England to procure means of instruction. After a while he again returned to Hayti, where he was made attorney-general. He died at Port-au-Prince, Feb. 1839.

SAUNDERSON, NICHOLAS, the mathematician, born 1739, aged 57.

SAURIN, JAMES, a celebrated French protestant preacher, was born at Nismes in 1677. Being captivated with a military life, in 1694 he made a campaign, and served with reputation till 1696. He afterwards studied divinity, and in 1705 fixed his residence at the Hague, where he became one of the pastors to a church of French refugees. He died Dec. 30, 1730, aged 53 years. His justly celebrated sermons were published in 12 vols. 8vo. and 12mo., and selections, translated into English, were published between the years 1775 and 1784, by the Rev. Robert Robinson, of Cambridge, in five vols. 8vo.

SAURIN, WILLIAM, formerly, during 15 years, attorney-general for Ireland, and greatly respected for his talents and virtues. He died at Dublin February 11, 1839, aged 83.

SAUSSURE, HORACE BENEDICT, naturalist and traveller, was born at

Geneva in 1740. At the age of 22, he obtained the professorship of philosophy at Geneva, which he held with high reputation during a period of 25 years. The first volume of his travels through the Alps was published in 1779. During the troubles which agitated Geneva in 1782, he made his beautiful and interesting experiments on hygrometry, which he published in 1783. In 1786 he published his second volume of travels, containing a description of the Alps round Mont Blanc. The two last volumes of his travels, which appeared in 1796, contain a great mass of new facts, and observations of the greatest importance to physical science. He died March 22, 1799, in his 59th year.

SAVAGE, RICHARD, a poet and miscellaneous writer, was born in 1698. After passing through various scenes in low life, as recorded by his biographer Dr. Johnson, he was condemned for murder in 1727, pardoned in 1728, and died in 1743.

SAVAGE ISLAND, South Pacific Ocean, discovered by Captain Cook in 1774, visited by Mr. Williams, the missionary, in 1834, who took with him two Aitutakian teachers; but apprehending that their lives would be in danger, they returned to the vessel; so that, at present, no intercourse has been opened with this island.

SAVARY, an eminent French traveller and writer, was born at Vitre in Brittany, about 1748. In 1776 he travelled into Egypt, where he resided almost three years, employing himself in acquiring the Arabic language, and in studying the antiquities and manners of the people. On his return to France in 1780, he published several works, the most important of which was his "Letters on Egypt," in 3 vols. 8vo., in 1785. He died February, 1788.

SAVARY, duke of Rovigo. See **ROVIGO**.

SAVILLE, SIR GEORGE, afterwards marquis of Halifax, and one of the greatest statesmen of his time, was born about 1630. He was a strenuous opposer of the Bill of Exclusion; but proposed such limitations of the duke of York's authority, as should disable him from doing any harm either in church or state. He died April, 1695.

SAVILLE, SIR HENRY, a learned Englishman, was born at Bradley, near Halifax, in Yorkshire, in 1549. In 1596 he was chosen provost of Eton

College, which he filled with many learned men. He was a great benefactor to the university of Oxford, and in 1619 founded two professorships, one of geometry, and the other of astronomy, and endowed each with a salary of £180 per annum; he also gave at his death a legacy of £600 to purchase more lands for the same use. After a life spent in the encouragement of literature and science, he died at Eton College, February 19, 1622.

SAVINGS BANKS. See **BANKS**, p. 64. On Nov. 20, 1839, the total number of depositors in these banks was 610,027. Total amount of money invested by depositors £18,033,992. Of charitable institutions, number deposited, 6355; amount of money invested, £381,500. Friendly societies, number deposited, 6086. Amount of money invested, £830,729.

SAVOY, duchy, Europe, part of the continental states of the kingdom of Sardinia; was anciently part of Gallia Narbonensis, which submitted to the Romans A.C. 118. The Alemans seized it A.D. 395. It shared the revolutions of Switzerland till 1040, when Conrad, emperor of Germany, gave it to Hubert, with the title of earl. Amadeus VIII., earl of Savoy, solicited Sigismund, emperor of Germany, to erect his dominions into a duchy, which he did at Cambray, Feb. 19, 1417. The last duke having taken Sicily in 1713, by the assistance of England, was made king of that country, but by the peace of Utrecht, changed for Sardinia, 1718. Great part of the country was ceded to France in 1796; seized by the French, Dec., 1798, who were repulsed in 1799; but subjugated it again in the year following. It was restored to Sardinia 1816. In Feb., 1834, an attempt was made by 400 men, chiefly Polish refugees, Piedmontese, and other Italians, headed by General Romarino, to revolutionise Savoy. The attempt was a signal failure, and the conspirators fell back on Geneva, where they were disarmed, after a vain attempt to excite an insurrection there also.

SAVOY PALACE, Strand, London, built 1245, converted into an hospital 1549, burnt down March 2, 1776.

SAWTREE, SIR WILLIAM, the first that was burnt alive on account of religious opinions in England, Feb. 19, 1401.

SAXE, MAURICE, COUNT OF, a celebrated general, born at Goslar, Hanover,

in 1696, was the natural son of Frederick Augustus I., elector of Saxony and king of Poland. In 1717 he served in Hungary under Prince Eugene, was present at the siege of Belgrade, and at a battle which the prince gained over the Turks. In 1733 he entered the French service, and his brilliant services caused him, in 1734, to be advanced to the rank of lieutenant-general. After a short peace in Europe, the death of the Emperor Charles VI., occasioned a new war, and in 1741 Count Saxe took Prague by escalade, and then reduced Egra. In 1744 he was made mareschal of France, and commanded a part of the French army in Flanders. In 1745 he gained the famous battle of Fontenoy, and he was greatly distinguished in the campaigns of 1747 and 1748, which last was followed by the peace of Aix-la-Chapelle. He died Nov. 30, 1750.

SAXE-COBURG. See COBURG.

SAXON HEPTARCHY. See HEPTARCHY.

SAXONY, kingdom of Europe, formerly an electorate. The first margrave of Meissen who bore the title of elector began his reign in 1422. In the beginning of the 16th century, John Frederick, the elector, took a conspicuous part in the reformation. See REFORMATION. The Saxons were vigorously engaged in the thirty years' war, in support of the protestant religion which was terminated by the peace of Westphalia in 1648. But in 1697 the temptation of acquiring the crown of Poland, vacant by the death of Sobieski, induced the reigning elector, Augustus I., to profess himself a catholic. The Swedes, however, under Charles XII., invaded Saxony, bringing great distress into the country; this was relieved by the march of Charles into Russia, after which the crown of Poland was resumed by Augustus.

1806. The elector, Frederick Augustus IV. sent all his troops into the field, in support of Prussia against France, when Buonaparte, by his success, attached the Saxons to his cause, made the elector king, and Prussian Poland was added to the Saxon dominions. In 1813 the battles of Lutzen and Bautzen took place; and the attack on Dresden, and the decisive engagements at Leipsic, were followed by the retreat of Buonaparte to the Rhine, and by divesting the king of Saxony of the government.

Agreeably to the decision of the congress at Vienna, his title was restored in 1815, but a considerable portion of his territory was separated from the kingdom, and transferred to Prussia. Frederick Augustus IV. died at Dresden, on May 5, 1827, in the 77th year of his age. He was succeeded by prince Anthony Clement, who was already 72 years old. In 1830, political commotions were excited at Dresden; a few days after which the king resigned his authority to his nephew, Frederick, whom he appointed regent.

SAY, JEAN BAPTIST, author of "Political Economy," born 1767, died 1833.

SCALIGER, JULIUS CÆSAR, an eminent scholar, who was also a poet, physician, and philosopher, born 1484. He died in 1558, in his 75th year.

SCALIGER, JOSEPH JUSTUS, one of the most learned critics and writers of his time, and the son of the preceding, was born at Agen in France in 1540. In 1593 he was made honorary professor of the university of Leyden. He died of a dropsy in that city in 1609.

SCANDERBERG, whose proper name was George Castriot, a prince of Albania, was delivered up as a hostage to Amurath II., sultan of the Turks, who spared him on account of his youth. In a short time he became one of the most renowned generals of the age. Revolting from Amurath, he joined Hanniade Corvin, a most formidable enemy to the Ottoman power. He recovered the throne of his ancestors, and maintained the independency of his country against Amurath and his successor, Mahomet II., who was obliged to make peace with him in 1461. He obtained several important victories, and saved his own capital, which was invested by a great army under Mahomet himself. He died in 1467.

SCAPULA, JOHN, the reputed author of a Greek lexicon, which has long been in great esteem in the literary world. Being employed by Henry Stephens as a corrector to his press while he was publishing his "Thesaurus Linguae Græcæ," Scapula made an abridgment in one volume, and published it as an original work, with his own name. Scapula's lexicon was first printed in 1570 in 4to.

SCARPA, ANTONIO, professor of anatomy at Pavia, died October 31, 1833.

SCARRON, PAUL, a French writer of burlesque, was born at Paris in 1610. He married Mademoiselle D'Aubigné, afterwards the famous Madame de Maintenon. He died in 1660, at the age of 50.

SCHELE, CHARLES WILLIAM, a celebrated Prussian chemist, was born at Stralsund in 1742. At Upsal he began the series of experiments on that remarkable mineral substance manganese; from which investigation he was led to make the interesting discovery of oxymuriatic acid in 1774. His name was well known by all Europe, and he was member of several learned academies and philosophical societies. He died in 1786.

SCHILLER, FREDERICK, a German dramatist, born November 10, 1759, died May 9, 1805.

SCHLEGEL, FREDERICK VON, author of the "History of Literature," &c., born at Hanover, 1772, died 1829.

SCHOMBERG, DUKE OF, a distinguished officer, was born in 1608, served under William II. of Orange. He followed the prince to England when he came to take possession of the throne of these realms. In August 1689 he was sent to Ireland, to reduce that kingdom to obedience, and was killed at the battle of the Boyne the same year.

SCHOOL OF DESIGN, Somerset House, opened June 1837.

SCHOOLMASTERS' SOCIETY, instituted 1798.

SCHOOLS, CHARITY, or institutions for the instruction of the ignorant poor, have been established in England for more than a century. The design had its origin in 1698, when a great number of parishes in London associated together for this purpose. Trustees were chosen in each district to overlook the management of the masters and mistresses, and to prescribe rules and orders for the government of each school. In 1700 it was thought necessary that the trustees should be formed into a voluntary society, and that a chairman should be elected to preside at the meetings of the trustees. In 1729 rules and orders for the better regulation of the various institutions were recommended by several trustees of the schools, &c.

1713. Out of 2250 youths who had been placed as apprentices and servants from these schools, more than 1400 assembled at St. Bride's church, in which a sermon was preached before them. In 1716, about 4800 children

attended on the anniversary of the charity schools, at St. Sepulchre's church. Afterwards the trustees were allowed the use of St. Paul's for their meeting; and this has been continued annually, in the month of May, to the present time.

The plans formed by Dr. Bell and Mr. Lancaster for the general education of the lower classes, which became generally known about the year 1798, gave rise to the institution of the British and Foreign School Society, and the National School Society, which have been the means of diffusing the benefits of education to a great extent.

THE BRITISH AND FOREIGN SCHOOL SOCIETY, instituted in 1805, on the plan of Mr. Lancaster, conducts its operations on a large scale. It has in London upwards of 100 schools, and about half that number in the country within ten miles of the metropolis, yielding instruction to about 20,000 scholars; besides a great number of schools throughout the kingdom more or less connected with it. Its foreign operations extend nearly all over the world. In particular the society has corresponding connections in France, Russia, Canada, Malta, South Africa, West Indies, United States, Denmark, &c. The following is a statement of the annual increase of schools on the Lancasterian system in the kingdom of Denmark:—1823, 244 schools; 1824, 605 schools; 1825, 1143 schools; 1826, 1545 schools; 1827, 2003 schools. Schools organizing in 1828, 368; that is to say, 2371 schools for the Danish dominions.

THE NATIONAL SCHOOL SOCIETY was instituted in 1811, and has extended its operations, under the patronage of the established church, to every part of the kingdom. These are conducted on the plan of Dr. Bell, who, in 1789, when a chaplain to the East India Company, undertook the management of a charity school established at Madras. In 1797, on his return to England, he published "An Experiment in Education, made at the Male Asylum at Madras, suggesting a System by which a School or Family may teach itself, under the Superintendence of the Master or Parent;" and his system was adopted by the National School Society. By the official returns, it appears that the number of unendowed day schools in England, in 1818, was 1411; the number of children, 50,034; in 1828, unendowed day schools 3260;

children 105,571. Since then the progress of the system has been so rapid that it is estimated that a million and a half of the children of the humbler classes are receiving the advantages of daily education.

SUNDAY SCHOOLS owe their origin to Robert Raikes, of Painswick, in Gloucestershire, who first attempted the plan at Painswick, and it was carried into execution in the city of Gloucester about 1782. This led to the institution of the following societies:—

SUNDAY SCHOOL SOCIETY, originated by W. Fox, Esq., who was born Feb. 14, 1736, at Clapton, in Gloucestershire, but who afterwards resided in London. It was formed in London in 1785, "for the establishment and support of Sunday schools in the different counties of England."

SUNDAY SCHOOL UNION established on the 13th July 1803, when a numerous assembly was convened at Surrey Chapel School Rooms. The objects of this Union are, by mutual communication to improve the methods of instruction; to ascertain those situations where Sunday schools are most wanted, and promote their establishment; to supply books and stationery suited for Sunday schools at reduced prices. The report for the year ending May 1840 stated that 22 grants had been made during the past year in aid of the expense of erecting Sunday school-rooms, amounting to £495, making the total number of grants up to the present time 173, amounting to £3879. The number of Sunday school lending libraries granted this year had been 127, making a total of 598.

The following is a general statement of Sunday schools in the United Kingdom for 1839.

	Schools.	Teachers.	Scholars.
Tabular Statement, England and Wales, from Parliamentary returns	16,827	136,437	1,548,890
Add, not included in Parliamentary returns Scotland	1,161	5,000	63,326
Ireland	2,813	20,596	214,462
Estimated omissions —			
England	500	5,000	50,000
Scotland	500	2,500	35,000
Ireland	400	4,000	40,000
Estimated totals in the United Kingdom	22,201	173,533	1,951,678

SCHOOLS IN IRELAND. The following summary is taken from the second report of the Commissioners, 1836:— Total number of daily schools in Ireland,

9657; number of daily schools supported wholly by payments from the children, 5653; number of daily schools supported wholly, or in part, by endowment or subscription, 4004; number of daily schools of which the books containing lists of the children were produced, 8886. The total number of scholars, 583,413.

SCHREVELIUS, CORNELIUS, lexicographer, died 1667.

SCHULTEUS, the Dutch philologist, born 1686, died 1750.

SCHWARTZ, BERTH., discoverer of gunpowder, died 1340.

SCHWARTZ, CHRISTIAN FREDERICK, an eminent Christian missionary, was born at Sonnenburg, in Brandenburg, on the 26th of October, 1726. In 1746 he travelled to Hallé, where he availed himself of the instructions of the tutors of the university. Under the sanction of the Danish Mission College he was sent to India, and arrived at Tranquebar on the 30th of July, 1750. After labouring zealously with his colleagues for some years, he was directed by the college to establish himself at Trinchnopoly, under the "Society for promoting Christian Knowledge" in England. He visited Tanjore several times in 1772, in order to strengthen the congregation there. He resided in India during a period of 50 years, embracing every opportunity of promoting both the temporal and spiritual welfare of the people. Among the many fruits of his indefatigable labours was the erection of the church at Tanjore in 1779. The Christian seminaries at Ramnaporam and in the Tinnevelly province were established by him. The late Hyder Ally Cawn, in the midst of a bloody and vindictive war with the Carnatic, sent orders to his officers "to permit the venerable Father Schwartz to pass unmolested." The late Tuljaja, rajah of Tanjore, when on his death-bed in 1787, desired to entrust to his protecting care his adopted son, Serfojee, with the administration of all the affairs of his country. On a spot of ground, granted to him by the same prince, two miles east of Tanjore, he built a house for his residence, and made it an orphan asylum. Here the last 20 years of his life were spent in the education and religious instruction of children, and here, on the 13th of February, 1798, he closed his truly christian career, in his 72d year. The East India Com-

pany, anxious to perpetuate his memory, caused a monument to be erected to him in 1807.

SCHWEITZ, a canton of Switzerland, in conjunction with those of Uri and Underwalden, threw off the Austrian yoke in 1308, and formed a perpetual alliance in 1315, which was the grand foundation of the Helvetic confederacy.

SCILLY ISLES, a group of islands at the west entrance of the English Channel. As early as 961 they belonged to the Benedictine abbey of Tavistock, from which period to the 30th of Henry VIII. they were governed by lords abbots, and coroners, or crown officers. After having been granted away by Henry VIII. they reverted to the crown by exchange in the reign of Queen Mary; and Elizabeth, in 1571, gave them to Francis Godolphin; but, after having been more than 200 years under the sway of Godolphins and Osbornes, dukes of Leeds, they again lapsed to the crown (1831), and are at present under the duchy of Cornwall.

SCIO, ancient Chios, an island in the Grecian archipelago, conquered by Cyrus king of Persia, in the sixth century, A.C., afterwards a Roman province, till it fell with the eastern empire under the Ottoman power. In 1822, during the Greek war, the inhabitants of this island were given up to indiscriminate massacre, and it is calculated that above 40,000 were slain.

SCIPIO, PUBLIUS CORNELIUS, a celebrated Roman general, surnamed Africanus, for his conquests in that country. His other signal military exploits were, his taking the city of New Carthage in a single day; his complete victory over Hannibal, the famous Carthaginian general; the defeat of Syphax, king of Numidia, and of Antiochus, in Asia. He died A.C. 180.

SCIPIO, PUBLIUS EMILIANUS, being adopted by Scipio Africanus, he was called the younger Africanus. He showed himself worthy of his adoption, following the footsteps of Scipio Africanus, whom he equalled in military fame and public virtues. He was strangled in his bed by order of the Decemviri, who dreaded his popularity, A.C. 129, aged 56.

SCLAVONIA, province of the Austrian empire, formed under the Romans, part of ancient Illyria, and derives its name from a tribe of Sclavi, who settled here in the sixth century. At a subse-

quent date the Venetians extended their acquisitions to this country. It remained subject to them and the Hungarians until overrun by the Turks in 1540, in whose possession it continued till 1687; soon after which they lost this and all the territories which the Austrians possess north of the Save and Danube.

SCONE, a village of Perthshire, Scotland, chiefly remarkable as the former residence of the Scottish monarchs. Here was once an abbey, founded in 1114, where they were crowned. It was burnt by the populace at the period of the Reformation, and afterwards rebuilt. Charles II. was the last king crowned in the kirk. It was made the residence of the Count D'Artois of France, 1798.

SCOTLAND, anciently Caledonia. Its authentic history began in the first century, when the Romans under Agricola invaded the country. A.D. 203 this country received the Christian faith. 838. The Picts and Scots were united under one monarchy by Kenneth II., the 69th king, and called Scotland. 1032. Divided into baronies. 1263. Invaded by the king of Norway near Loch Lomond. 1283, on the death of Alexander III. the crown of this kingdom was disputed by 12 candidates, who submitted their claims to the arbitration of Edward I. of England, which gave him an opportunity to conquer it. 1296. Its regalia and crown were taken and brought to England, with the coronation chair, now in Westminster Abbey. 1314. Robert Bruce recovered the kingdom and secured its independence by the decisive battle of Bannockburn.

This nation boasts of a line of kings, who pretend to deduce their pedigree from Fergus, A.C. 328. Metellus, the 17th king of Scotland, died A.D. 29. The following is a list of the Scottish kings from this period:—

Name.	Began to reign.
Caractacus	A.D. 32
Corbred I.	54
Dardanus.	70
Corbred II.	72
Luctatus.	104
Mogaldus	107
Conarus.	142
Argadus.	146
Ethodius I.	161
Satrael	193
Donald I.	197
Ethodius II.	216
Achiro	230
Nathalocus	242

Name.	Began to reign.
Findocus	252
Donald II.....	262
Donald III.....	263
Crathilinthus.....	277
Finchormarchus	320
Romachus.....	368
Augusianus	371
Fethelmachus	373
Eugenius I.....	376
Fergus I.....	403
Eugenius II.....	419
Dongard.....	451
Constantine I.....	457
Congale I.....	479
Goran I.....	501
Eugenius III.....	545
Congale II.....	558
Chinlane, or Cumatillus.....	568
Aidan.....	569
Kenneth I.....	604
Eugenius IV.....	606
Ferchard I.....	622
Donald IV.....	632
Ferchard II.....	646
Maldwin	664
Eugenius V.....	684
Eugenius VI.....	687
Amberchelet	697
Eugenius VII.....	698
Mordac	715
Etsinius.....	730
Eugenius VIII.....	761
Fergus II.....	763
Solvatius.....	766
Achaisus.....	787
Congale III.....	819
Dongal.....	824
Alpin	831
Kenneth II.....	834
Donald V.....	854
Constantine II.....	858
Ethus.....	874
Gregory.....	876
Donald VI.....	892
Constantine III	903
Malcolm I.....	938
Indulphus.....	958
Duphus.....	968
Cullenus	972
Kenneth III	973
Constantine IV.....	994
Grimus	696
Malcolm II	1004
Duncan.....	1034
Macbeth	1040
Malcolm III	1057
Donald VII	1093
Duncan II.....	1095
Donald VII. again	1095

Name.	Began to reign.
Interregnum	1096
Edgar.....	1096
Alexander I.....	1107
David I.....	1124
Malcolm IV.....	1153
William.....	1165
Alexander II.....	1214
Alexander III.....	1240
Interregnum	1245
John Baliol.....	1292
Robert I.....	1306
David II.....	1329
Edward Baliol	1332
David II. again.....	1341
Robert II.....	1371
John Robert.....	1390
James I.....	1405
James II	1437
James III.....	1460
James IV.....	1488
James V.,	1513
Mary Stuart	1542

The accession of the infant Mary, in 1542, at six years of age, and her removal to France, proved very favourable to the ambitious designs of Henry VIII., who now proposed a union of the two kingdoms by the marriage of his son Edward VI. with Mary, the young Queen. This union did not take place, but the kingdom was governed by regents: the earl of Arran in 1542; the earl of Murray 1567; earl of Lenox, July 12, 1570; earl of Mar, September 6, 1571; earl of Morton, November 24, 1572.

James VI. of Scotland succeeded to the crown of England 1603. This produced a union of the two crowns, and in 1707 the two kingdoms were united by a legislative act, 5 Anne, March 6, and took the title of Great Britain. See BRITAIN.

SCOTT, JONATHAN, LL.D., oriental professor at the royal military and East India colleges, Calcutta, and author of various works connected with oriental literature. He died February 11, 1829.

SCOTT, JOHN, engraver of animals, was a native of Newcastle-upon-Tyne. He was one of the eight artists who met together in the year 1809-10, to frame the fund for the benefit of decayed artists, their widows, and children. He died February 1828, aged 54.

SCOTT, THOMAS, a divine of the church of England, chiefly noted for his excellent commentary on the Old and New Testament, was born at Braytoft, in Lincolnshire, Feb. 16, 1747. In 1783 he was settled at Olney, in Buckingham-

shire; and in a few years after he removed to London, and preached at the Lock Hospital. Here he formed the plan of an asylum for the discharged female patients; and by means altogether of his pastoral exertions, a meeting was held April 18, 1787, at which the duke of Manchester presided, when his design was carried into execution. The first number of his great work, "The Family Commentary," appeared on March 22, 1788, and the last copy was sent to press June 2, 1792. In 1801 he obtained the living of Aston Sandford, where he died April 16, 1821. His writings, particularly his Commentary, fully entitle their author to be considered as the most laborious and most useful writer of his day.

SCOTT, SIR WALTER, our most eminent novelist, and often designated as the Great Magician of the North, was born at Edinburgh, May 15, 1771. After having been two years under the rector of the High School, he was placed in the university of Edinburgh, Oct. 1783. While still at the High School, he made his first attempt in original versification; the subject being a thunder storm which happened one day as he and his companions were amusing themselves. He published "The Minstrelsy of the Scottish Border" in 1802, and in 1805 "The Lay of the Last Minstrel." Shortly afterwards he obtained the reversion of the office of a principal clerk in the Court of Sessions, salary about £1200 a-year. In 1808 he published his second poem of magnitude, "Marmion," which brought an immense increase of reputation to the author. In 1811 appeared the "Vision of Don Roderick;" in 1814 "The Lords of the Isles," "The Bridal of Triermain," and "Harold the Dauntless," were published anonymously: they made a very slight impression upon the public. It now became evident to our author that his day as a poet was well nigh past.

About the close of the last century he had commenced a tale of chivalry in prose, founded upon the legendary story of Thomas the Rhymer. Subsequently he resolved upon a prose romance relative to an age much nearer our own time. "Waverley" was published in 1814, and as the title-page was without the name of the author, the work was left to win its way in the world without any of the usual recommendations.

About this period our author removed to Abbotsford. It was chiefly to this

spot that the world is indebted for a series of the most delightful fictions that ever appeared. To "Waverley" succeeded, in 1815, "Guy Mannering;" in 1816 "The Antiquary," and the first series of "The Tales of my Landlord," containing "The Black Dwarf," and "Old Mortality;" in 1818 "Rob Roy," and the second series of "The Tales of my Landlord," containing "The Heart of Mid Lothian;" and in 1819 the third series of "Tales of my Landlord," containing "The Bride of Lammermoor," and "A Legend of Montrose." "Ivanhoe," which appeared in the beginning of 1820, came out as the production of the author of "Waverley." To it succeeded, in the course of the same year, "The Monastery," and "The Abbot." In the beginning of the year 1821 appeared "Kenilworth," making 12 volumes, if not written at least published in as many months. In 1822 he produced "The Pirate," and "The Fortunes of Nigel;" in 1823 "Peveril of the Peak," and "Quentin Durward;" in 1824 "St. Roman's Well," and "Redgauntlet;" in 1825 "Tales of the Crusaders;" in 1826 "Woodstock;" in 1827 "Chronicles of the Canongate," first series; in 1828 "Chronicles of the Canongate," second series; in 1829 "Anne of Geiernstein," and in 1831 a fourth series of "Tales of my Landlord," in four volumes, containing two tales, respectively entitled "Count Robert of Paris," and "Castle Dangerous." The whole novels published at various periods by Sir Walter, make 74 volumes. The late king, George IV. was pleased in March, 1820, to create him a baronet of the United Kingdom.

In Jan. 1826, Messrs. Constable and Co., his publishers, became bankrupts, and Sir Walter found himself called on to meet the demands of creditors upon commercial establishments with which his fortunes had long been bound up, to the extent of no less than £120,000. The blow was endured with a magnanimity worthy of the greatest writer of the age; and he endeavoured by increasing efforts in authorship, to weaken the force of the storm; but his health, which from his 16th year had been very good, began to fail. His physicians recommended a residence in Italy, and in April 1831 he proceeded to Rome, where he was received with every mark of attention and respect; but as all hopes of amendment

were at an end, he determined upon returning with all possible speed to his native country, and his death took place at Abbotsford, Sept. 21, 1832. A monument was erected to his memory at Edinburgh in 1840, the foundation stone of which was laid Aug. 15, with great ceremony, and at which 4000 persons were present.

SCOTUS, JOHN. See **DUNS SCOTUS.**

SCRIPTURES. See **BIBLE.**

SCRIVENERS' COMPANY, London, incorporated 1616.

SCUDERY, GEORGE, French writer, born 1603, died 1667.

SCUDERY, MAGDALEN DE, French writer, died 1701.

SEA-HORSE, transport, stranded by a gale in Tramore Bay, Ireland, when 365 persons, chiefly soldiers of the 59th regiment, were drowned, January 30, 1816.

SEALS not much in use with the Saxons; but they signed parchments with the cross, impressions of lead being affixed. Sealing charters and deeds first introduced into England 1065. There was a seal of King Edward's at Westminster, about 1188. Coats of arms were not introduced into seals till 1218. Great seal of England first used to crown grants, &c. 1050; stolen 1784.

SEALING-WAX brought into general use 1556.

SEATON, REV. THOMAS, who instituted the prize poems at Cambridge, born about 1684, died 1750.

SEBASTIAN, St., town, Spain, province of Biscay, has been repeatedly taken by the French; it fell into their hands in 1719, in the revolutionary war of 1794, and on Buonaparte's invasion in 1808. It was taken by the British in 1813.

SECKER, DR. THOMAS, a celebrated prelate of the church of England, was born in 1693, at Sibthorpe, Nottinghamshire. At the age of 19, he had made considerable progress in Greek and Latin, and had acquired a knowledge of French, Chaldee, and Syriac. In Dec. 1734, the king advanced him to the see of Bristol, and in 1737, he succeeded to the see of Oxford, a promotion which he held for more than 20 years. On the death of Archbishop Hutton, he was promoted to the see of Canterbury, and was confirmed at Bow Church, April 21, 1758. All designs and institutions

which tended to advance good morals and true religion, he patronized with zeal and generosity: he contributed largely to the maintenance of schools for the poor, and to rebuilding or repairing of parsonage houses and places of worship. He died Aug. 3, 1768, in his 75th year.

SEDAN CHAIRS introduced into England by the duke of Buckingham 1734.

SELDEN, JOHN, a distinguished scholar, and eminent political character, was born at Salvington in Sussex in 1584. He entered himself at Clifford's Inn, in order to study the law, and about two years after removed to the Inner Temple, where he soon acquired great reputation by his learning. In 1625 he was chosen burgess for Great Bedwin in Wiltshire, to serve in the first parliament of Charles I., in which he declared himself warmly against the duke of Buckingham. In 1627 and 1628, he opposed the court party with great vigour. In 1640 he was chosen member for the university of Oxford, when he again opposed the court. In 1643 he was appointed one of the lay-members to sit in the assembly of divines at Westminster, and was the same year appointed keeper of the records in the Tower. In 1645 he was made one of the commissioners of the admiralty. He died in 1654, and was interred in the Temple church, where a monument is erected to his memory. His works, which were numerous, were published collectively in three volumes folio, by Dr. David Wilkins in 1726, with a Latin life of the author.

SELKIRK, ALEXANDER, the hero of the fascinating novel entitled "Robinson Crusoe," was a native of Largo a parish of Fifeshire, in Scotland, and sailing-master of a vessel named the "Cinque Ports' Galley." While navigating this vessel in the Pacific Ocean, he was put on shore by the command of Stradling, the captain, on the uninhabited island of Juan Fernandez, as a punishment for mutiny, on October 4, 1704. In that solitude he remained five years and four months, when he was discovered and brought to England by captain Woodes Rogers, September 1709; he died 1723.

SENECA, LUCIUS ANNÆUS, a celebrated philosopher, was born at Corduba in Spain, about the beginning of the

christian era. Entering into public life he obtained the office of quæstor, and had risen to some consequence in the court of Claudius, when he was accused of an adulterous commerce with Julia, the daughter of Germanicus, and was banished to the island of Corsica. Agrippina being married to Claudius, she prevailed with the emperor to recall Seneca from banishment, and afterwards procured him to be tutor to her son Nero. By the bounty and generosity of his royal pupil, Seneca acquired that prodigious wealth, which rendered him in a manner equal to kings. When Nero began to display his real character the influence of Seneca over his pupil was entirely lost, so that the tyrant determined on his destruction. Under the pretence of Seneca's connection with a conspiracy, a military tribune was sent with a band of soldiers to his house, where he was commanded to put an end to himself. The death which he chose was that by opening his veins, and he expired in the year 65, and in the 12th year of Nero's reign.

SENEGAL, or **SENEGAMBIA**, a country of Africa, situated between the rivers Senegal and Gambia, and including many kingdoms and states. By the treaty of 1783, the river of Senegal and its dependencies were left in the possession of the French, who had extended their factories above 500 miles from the shore. In 1784 was founded the company of the gum of Senegal, which obtained an exclusive privilege of trading in gum, slaves, gold dust, &c. In 1791 this company was suppressed by the national assembly, and the trade with Senegal was declared free. The island of Senegal, situated in the river so called, was taken from the French by the British troops in 1758; and by the peace of 1763 it was ceded to Great Britain.

SENNEFELDER, **ALOYS**, the inventor of lithography, died at Munich, Feb. 25, 1834, in his 63d year.

SEPTUAGINT, the name given to a Greek version of the books of the Old Testament, supposed to be the work of 72 Jews, in obedience to the order of Ptolemy Philadelphus, who died A.C. 246. The Septuagint chronology reckons 1500 years more from the creation to Abraham than the Hebrew bible. Dr. Kennicot, in the dissertation prefixed to his Hebrew bible, has shown it to be probable that the chronology of the

Hebrew scriptures was corrupted by the Jews, between A.D. 175 and 200, and that the chronology of the Septuagint is more agreeable to truth.

SERINGAPATAM, city, Hindoostan, province of Mysore, on an island of the same name. In 1792 Tippoo's army was defeated by Lord Cornwallis, under the walls of this city. In 1799 it was stormed by General Harris, when Tippoo was killed, and the British government obtained possession of the island.

SERTORIUS, **QUINTUS**, Roman warrior, flourished A.C. 73.

SERVETUS, **MICHAEL**, a learned Spanish physician, was born at Villaneuva, in Arragon, in 1509. He was burnt at Geneva, as was supposed at the instigation of Calvin, because he differed from him respecting his heresy, October 27, 1553.

SERVIA, province, north of European Turkey, were originally a tribe of Slavonians from Galicia, in Poland, supposed to be of the same race as the Russians. Servia was occupied by invaders on the decline of the Roman empire. It yielded to the Turks in 1365. The oppression of the Turks led to an insurrection in 1801, when Czerni Georges, known as the head of a band of robbers, besieged and took Belgrade, and expelled the Turks from the country till 1814, when he withdrew into Russia; and by a convention concluded between his country and the Porte in 1815, the Servians acknowledged the sovereignty of the sultan, but observed the free exercise of their religious as well as their civil rights.

SESSIONS, or **QUARTER SESSIONS**, an English court that must be held in every county, once in every quarter of a year. The jurisdiction of this court, by 34 Edward III. c. 1, 1360, extends to the trying and determining all felonies and trespasses whatsoever.

COURT OF SESSIONS, otherwise called the College of Justices, is the supreme court in Scotland for all civil causes. It was first appointed by James I. 1425; abolished 1503; re-established by James V., 1531; reinstated at Edinburgh 1756.

SETTLEMENT, **ACT OF**, a name given to the statute 12 and 13 Will. III. c. 2., 1689, whereby the crown was limited to the illustrious house of Hanover, and some new provisions were added for better securing our religion, laws, and liber-

ties, which the statute declares to be the birthright of the people of England, according to the ancient doctrine of the common law.

SEVERUS, SEPTIMIUS, a Roman emperor, who has been much admired for his military talents. Some have called him the most warlike of the Roman emperors. He died in 211.

SEVERUS' WALL, built in the north of England, 208.

SEVIGNE', MARIE DE RABUTIN, MARQUISE DE, a celebrated French lady, was born in 1626. In 1644 she married the marquis of Sevigné, who was slain in a duel by the chevalier D'Albert in 1651. Her daughter, who in 1669 married the count de Grignan, accompanied him to his government of Provence; and this separation gave rise to the greater part of the letters which have gained her so high a reputation. She died in 1696, aged 70.

SEVILLE, city and province, Spain. The city is supposed to have been founded by the Phœnicians, who gave it the name of Hispalis. The Romans embellished it with many magnificent edifices; of which scarce any vestige now remains. The Gothic kings for some time made it their residence: but in process of time they removed their court to Toledo. In 1027, Seville became an independent monarchy; but was conquered 70 years afterwards by Yusef Almoravides, an African prince. At last it was taken by Ferdinand II., after a year's siege; from this period it has always made a part of the dominions of the kings of Castile. The silk manufacture was also formerly very flourishing in this place, so that in the year 1248 it employed 16,000 looms, and 130,000 persons. Seville surrendered to the French in 1812, who left it afterwards at the general evacuation of the south of Spain.

SEWARD, ANNA, the author of the elegy on Captain Cook, died in 1809, aged 66.

SEWARD, WILLIAM, the author of "Biographical Sketches of Eminent Characters," &c., died 1799.

SEYCHELLES, group of islands, Indian Ocean, situated to the northward of Madagascar. They were partially explored by M. Lazarus Picault in 1743, by order of Mahe De La Bourdonnais, the governor of the Isle of France. They capitulated to the English in 1794,

after which their flag was considered neutral between the English and French. On the capture of the Mauritius in 1810, the islands were taken possession of as a dependency of that colony, and have since continued under the superintendence of an agent deputed from Mauritius.

SEYMOUR, LORD, made lord high-admiral 1547; married the widow of Henry VIII., March, 1548; who died in child-bed, September following. He was beheaded on Tower-hill, March 20, 1549.

SHAFTESBURY, EARL OF. See **COOPER**.

SHAKESPEARE or **SHAKSPEARE, WILLIAM**, the prince of dramatic writers, was born at Stratford-upon-Avon, in Warwickshire, April 23, 1564. His father being incumbered with a large family of children, was somewhat reduced in circumstances. Shakspeare continued in domestic obscurity for some time, till, by an unhappy instance of misconduct, he was obliged to quit the place of his nativity, and take shelter in London. As his name is found printed among the lists of players in some old plays, it is probable that he was early employed as an actor. It is difficult to ascertain what was the first poetical essay of the genius of Shakspeare. The highest date Rowe has been able to trace is "Romeo and Juliet" in 1597, when the author was 33 years old; and Richard II. and III., the next year. Queen Elizabeth had several of his plays acted before her; and she was so well pleased with the admirable character of Falstaff, in the two parts of "Henry IV." that she recommended him to continue it in one play more, and to make him in love. This is said to have been the occasion of his writing the "Merry Wives of Windsor," in 1601.

1603. A licence, by King James I., was granted to him, with Burbage, Philips, Hemmings, Condel, &c., "to exercise the art of playing comedies, tragedies, &c., as well at their usual house called the Globe, on the bank-side, Southwark, as in any other part of the kingdom, during his majesty's pleasure." The whole dramatic works of Shakspeare consists of 35 pieces, commencing with the first part of "King Henry VI." in 1589, and ending with "Twelfth Night," 1614. In 1623 his plays were collected and published in folio by two of his friends in the company of comedians, Hemmings and Con-

del. The latter part of our author's life was spent in ease and retirement. He resided some years before his death at his native town, Stratford-upon-Avon, in a handsome house he had purchased, which he had the good fortune to save from the flames, when a dreadful fire consumed the greatest part of the town in 1614. He died April 23, 1616, in the 53d year of his age, and was interred among his ancestors, in the great church of Stratford, where there is a handsome monument erected to his memory. In 1740 another very noble one was raised at the public expense in Westminster Abbey, an ample contribution for this purpose being made upon exhibiting his tragedy of "Julius Cæsar," at the theatre-royal in Drury Lane, April 28, 1738.

The Shaksperian Jubilee, or the festival in celebration of the birth-day of Shakspeare, was first held at Stratford in 1769, under the patronage of Garrick, and since continued. In 1827, it was revived by the Shaksperian club with unusual festivities.

SHARP, ABRAHAM, mathematician and astronomer, born in 1651. He kept up a correspondence with most of the eminent mathematicians and astronomers of his time, as Flamsteed, Newton, Halley, Wallis, Hodgson, &c. He died in July 1742.

SHARPE, archbishop of St. Andrew's, born in 1618, was shot in his coach, May 8, 1679.

SHARPE, GRANVILLE, the philanthropist, one of the first who set on foot the inquiry into the African slave trade, died July 8, 1813.

SHAW, DR. THOMAS, the traveller, was born at Kendal, in Westmoreland, about the year 1692. He was educated at the grammar-school of that town, and in 1711 was admitted of Queen's College, Oxford. Soon after he had taken orders, he was appointed chaplain to the English factory at Algiers, in which station he continued for several years, and from thence took opportunities of travelling into different parts of Barbary and Egypt. He returned in 1733, was elected fellow of the Royal Society, and published the account of his travels at Oxford, folio, 1738: a supplement was added in 1746. "Dr. Shaw's Travels have been regarded as particularly useful in illustrating the scriptures by comparisons between the ancient and modern state of the eastern

regions." In 1740 he was nominated principal of St. Edmund Hall, and was regius professor of Greek at Oxford, until his death, which happened in 1751.

SHAW, DR. GEORGE, the celebrated naturalist, was born in 1751, at Bierton, in Buckinghamshire. In 1765 he was entered at Magdalen Hall, Oxford. He was ordained deacon in 1774, at Buckden, by Dr. Green, bishop of Lincoln, but afterwards laid aside his theological career, and went to Edinburgh to qualify himself for the profession of medicine. In 1789 he was elected a fellow of the Royal Society, and the following year became a candidate for the office of a librarian in the British Museum. He now quitted the duties of physician, and devoted himself entirely to researches in natural science. In 1800 he began his great work, entitled "General Zoology, or Natural History," with plates from the best authorities and most select specimens, in which the Linnæan arrangement, with occasional variations, has been pursued throughout. In the year 1806 and 1807, Dr. Shaw delivered a course of zoological lectures, which were published in 1809. In 1807, upon the death of Dr. Gray, keeper of natural history in the British Museum, Dr. Shaw was promoted to that office. He died July 28, 1813, in his 62d year.

SHEBBEARE, JOHN, M.D., author of "Chrysal, or the Adventures of a Guinea," born 1709. He was pilloried at Charing Cross, Dec. 5, 1758, for his "Letters to the People of England," the object of which was to show that this nation was injured by its connection with Hanover. He died 1788.

SHEERNESS, seaport, Kent, situated at the confluence of the Medway with the Thames. An ancient fort at Queenborough having been blown up by the Dutch fleet in 1667, a new one was commenced at this place by order of Charles II. A regular fortification was afterwards constructed, and forts built on both sides of the Medway for the defence of the river. The town, which is entirely of modern origin, gradually rose in its vicinity.

SHEFFIELD, borough, Yorkshire, is of great antiquity; it is the chief place of the extensive district of this county called Hallamshire, the same as the Saxon manor Hallam. There was formerly a strong castle, in which Mary Queen of Scots was confined 14 years.

In 1646 it was so completely demolished that nothing now remains but a few vestiges of the underground works ; but the site is still called Castle Hill.

Sheffield is famous for its manufactures of cutlery. In 1625 the master manufacturers were first incorporated by the style of the company of cutlers of Hallamshire ; and about 1750 this town assumed the rank it now holds in manufacturing opulence. In 1758 the silver plated manufacture was commenced on an extensive scale, and has subsequently been prosecuted with great advantage.

SHELDON, ARCHBISHOP, died Nov. 9, 1677.

SHELLEY, PERCY BYSSHE, poet, died 1822, aged 30.

SHENSTONE, WILLIAM, an admired English poet, was born at Hales Owen, in Shropshire, in 1714. He was sent in 1732 to Pembroke college, in Oxford, where he first discovered his poetical genius, and produced some compositions of considerable merit. He published, in 1740, his "Judgment of Hercules ;" and this was two years afterwards followed by the "School Mistress." He died Feb. 11, 1763.

SHEPHERD, REV. REVETT, a celebrated English naturalist, born 1778, died 1830.

SHERARD, WILLIAM, founder of the botanic professorship at Oxford, died 1728.

SHERBORNE CASTLE, Dorset, built 1107.

SHERIDAN, DR. THOMAS, the intimate friend of Dean Swift, born about 1684, in the county of Cavan, Ireland. He died Sept. 10, 1738. One of the volumes of Swift's Miscellanies consists almost entirely of letters between him and Dr. Sheridan.

SHERIDAN, RICHARD BRINSLEY, grandson of the preceding, a celebrated English public character, and dramatic writer, was born in Sept. 1751, at Dublin. His father, Mr. Thomas Sheridan, was an actor of considerable celebrity, but devoted the latter part of his life to the profession of a schoolmaster. In 1770, in conjunction with a Mr. Halhed, an old school-fellow at Harrow, Mr. Sheridan commenced his literary career by the production of a farce, in three acts, called "Jupiter," written in imitation of the burletta of "Midas." On Jan. 17, 1775, his comedy of "The Rivals" was brought out at Covent Garden ; which

after some alterations rose into public favour, and established his reputation. He rapidly made his way into the very highest circles. Mr. Fox pronounced him the wittiest man he had ever met with ; and his ambition being kindled by such applause, he determined to try his fortune in parliament, and was returned for Stafford.

Sheridan's first appearance as a political character was in conjunction with Mr. Fox, in 1780, when the resolutions on the state of the representation were laid before the public by the Westminster committee. Annual parliaments and universal suffrage were the professed objects of this meeting. In 1812 Mr. Sheridan made an unsuccessful attempt to be returned again for Stafford, by which his means were exhausted, and he was left a lonely and helpless wreck upon the waters. His last moments were marked by circumstances of extreme poverty and distress. Writs and executions came in rapid succession, and bailiffs at length gained possession of his house. After suffering the extremes of misery and want he died July 7, 1816.

SHERIDAN, THOMAS, only son of Richard Brinsley Sheridan, died Aug. 12, 1817.

SHERIFF, an officer of very great antiquity in this kingdom, being known in 1079, in the reign of William I. Anciently in some counties the sheriffs were hereditary, but the statute 9 Ed. II. s. 2, enacted, that the sheriffs should be assigned by the chancellor, treasurer, and the judges ; as being persons in whom the same trust might with confidence be reposed. Sheriffs in London, were first appointed in 1189.

SHERLOCK, DR. WILLIAM, an eminent English divine, was born in London in 1641. On the discovery of the Rye-house plot he appeared as an asserter of the doctrine of non-resistance. After the revolution, refusing to take the oaths to the new government, he was suspended from all preferments. During his suspension he published the "Treatise on Death," to which he is chiefly indebted for celebrity as an author. He died in 1707, in his 67th year.

SHERLOCK, DR. THOMAS, a distinguished prelate, and son of the preceding, was born in London in 1678. Being promoted to the deanery of Chichester in 1726, he soon after made his

first appearance in print, as a champion of the establishment, in "A Vindication of the Corporation and Test Acts." In 1728 he was promoted to the bishopric of Bangor; and was translated to Salisbury in 1738. In 1747 he was offered the see of Canterbury, which he declined on account of ill health, but afterwards recovering, he accepted the see of London in 1749. He died in 1761, in his 84th year.

SHETLAND ISLES, group of islands, Scotland, forming the most remote portion of the British dominions northward, and lying about 15 leagues north-east of the Orkneys. In the beginning of the 9th century, the Picts, having been conquered by Kenneth II., king of the Scots, sought refuge here in great numbers, and erected many small castles as signal stations. Having failed in their hopes of recovering their territories in Scotland, they remained confined to the Shetland and Orkney islands, and continued subject to the kings of Denmark till the final cession of the islands to James VI. of Scotland about 1600.

SHETLAND ISLES, NEW, cluster of barren islands, South Pacific Ocean. They were first seen by Dirck Gheritz, who commanded one of the five ships which sailed from Rotterdam in 1598, to make a western passage to India. After this time they were lost sight of till they were described by lieutenant Kendal, R. N., whose journal was communicated to the Geographical Society by Sir John Barrow in 1831.

SHIELD, WILLIAM, an eminent musical composer, was a native of the county of Durham. About 1792 he published his well-known "Introduction to Harmony." In 1817 his majesty appointed him master of his musicians in ordinary. His dramatic compositions were very numerous and eminently successful, among which were, "Rosina," "The Poor Soldier," &c. He also composed some excellent songs, particularly "The Thorn," "The Wolf," "The Post Captain," &c. He died January 1829, aged 80.

SHIP. The ships of remote antiquity were rudely put together with just sufficient compactness to keep out the water. The first ship seen in Greece is said to have arrived at Rhodes from Egypt A.C. 1485. Some ascribe the first rigging out of ships of war to Parhalus or Samyres, others to Semiramis, and others

again to Egæon. The art of sailing is ascribed to the Phœnicians of Tyre and Sidon. See **NAVIGATION**. Polybius, in his "Universal History," affirms that the first time the Romans ever adventured to sea was in the first Punic war, A.C. 264; but it was as late as A.C. 261, before the Romans had seriously determined on building a fleet of ships of war. The Roman ships afterwards became superior to those constructed by any other nation; for a law was enacted in the reign of the emperor Honorius, A.D. 418, inflicting capital punishment on any who should instruct the barbarians in the art of ship-building.

The Anglo-Saxon ships were very small, badly contrived, and ill-built; but the British ships of the 12th century were more numerous, larger, and better constructed, than they had been at any period before the conquest. Those of the largest size and strongest construction, were called dromones; of which kind was the famous Saracen ship, captured by Richard I., near the port of Acon. The fleet of Richard I. of England, when he weighed anchor for the holy war from Messina, in Sicily, where he passed the winter, 1190-1, is said to have consisted of 13 dromones. Most of the ships which were employed at that time were probably very small. Edward III.'s fleet, from Calais, 1347, consisted of 738 English ships, carrying 14,956 mariners, being on an average but 20 men to each ship.

In the 15th century ships of a larger size were constructed. It is mentioned that a very large ship was built in 1449, by John Taverner of Hull; and in the year 1455, King Henry IV., at the request of Charles, king of Sweden, granted a licence for a Swedish ship of the burden of 1000 tons. In the fleet fitted out by Henry VIII., there was one ship, the Regent, of 1000 tons burden, one of 500, and three of 400 each. In 1575 the whole of the royal navy did not exceed 24 ships, and the number of merchant ships belonging to England amounted to no more than 135 vessels above 100 tons, and 656 between 40 and 100 tons. At the time of the Spanish Armada, the English navy was but little more than the above, but afterwards during succeeding reigns it rapidly increased. See **NAVY**.

The mercantile shipping of England first became considerable in the reign of

Elizabeth; and gradually increased under her successors, James I. and Charles I. At the restoration, the British shipping cleared outwards amounted to 95,266 tons. The war which was terminated by the treaty of Ryswick, 1697, checked this progress. But commerce and navigation have steadily advanced with the exception of two short periods, during the war of 1739 and the American war, from the beginning of the last century down to the present day. The number and tonnage of vessels employed in the coasting trade, which entered inwards and cleared outwards with cargoes, at the several ports of the United Kingdom, during the year 1839, was, inwards, ships 130,254; tonnage 10,610,404: outwards, ships 142,895; tonnage 11,266,073. Number of other vessels which entered inwards and cleared outwards, in the year 1839, was, inwards, ships 23,114; tonnage 3,957,468: outwards, ships 18,423; tonnage 3,085,752. Vessels employed in the foreign trade of the United Kingdom, including repeated voyages during the year 1839, were, inwards, vessels 27,961; tons 4,433,015: outwards, vessels 27,764; tons 4,494,707.

SHIP-BUILDING was first treated of as a science by Hoste in 1696. Ships' bottoms were universally sheathed with wood, chiefly deal, till after the middle of the 18th century; but this material had been long found to be very inconvenient. In 1770 copper was introduced for the sheathing of ships' bottoms. A great number of other improvements in the construction, fitting, and rigging of ships, has been introduced within the last 70 years; but they are individually not of great importance, and to understand them requires minute description. The only improvements of magnitude are the introduction of steam as a propelling power, (see STEAM NAVIGATION,) and that of iron-built ships.

1839. April 25, was read to the Royal Society an "Account of Experiments on Iron-built Ships, instituted for the Purpose of discovering a Correction for the Deviation of the Compass produced by the Iron of the Ships," by G. Biddell Airy, Esq., A.M. In this paper, the problem of the deviation of a ship's compass, arising from the influence of the iron in the ship, more particularly in iron-built ships, is fully investigated; and the principles on which the correction for this deviation depends having

been determined, practical methods for neutralizing the deviating forces are deduced and illustrated by experimental application. The first sailing vessel ever built of iron was constructed in Liverpool, and named the Ironsides. She first sailed for Pernambuco, in 1839, which she reached in 47 days. The largest iron ship is building by Messrs. Ronalds, Fortdee, Aberdeen, for a Liverpool company. Her length of keel is 130 feet; breadth of frame, 30 feet; depth of hold, 20 feet; length over all, 137 feet; tons register, 537.

SHIP MONEY, an imposition charged upon the ports, towns, cities, &c., of the realm, in the reign of King Charles I., in the years 1635 and 1636, for the providing and furnishing of certain ships for the king's service, &c.

SHIPWRECK. Anciently the conduct observed towards those that were shipwrecked was barbarous; and in fact they were, in most instances, either put to death or sold as slaves. The Roman law made it a capital offence to destroy persons shipwrecked, or to prevent their saving the ship; and the stealing even of a plank from a vessel shipwrecked or in distress, made the party liable to answer for the whole ship and cargo. Various statutes were made in England also, to protect those who suffered this calamity. But owing to the confusion and disorder of the times, they were very ill enforced; and the disgraceful practices alluded to, continued to the middle of the last century, when more strenuous measures were adopted. By statute 1 and 2 Geo. IV. c. 75, it is enacted, that any person or persons wilfully cutting away, injuring, or concealing any buoy or buoy-rope attached to any anchor or cable belonging to any ship whether in distress or otherwise, shall be judged guilty of felony, and may, upon conviction, be transported for seven years.

The loss of property by shipwreck is very great. It appears from an examination of Lloyd's list from 1793 to 1829, that the losses, in the British mercantile navy only, amounted at an average of that period, to about 557 vessels a year, of the aggregate burden of about 66,000 tons, or to above 1-40th part of its entire amount in ships and tonnage. Since then, the number of these calamities has in no degree diminished. The following account compiled from Lloyd's books,

shows the amount of shipwrecks from Jan. 1, 1832, to June 30, 1836.

1832. British, 345 ; foreign, 139.

1833. British, 626 ; foreign, 185.

1834. British, 432 ; foreign, 158.

1835. British, 594 ; foreign, 158.

1836. British, 284 ; foreign, 115.

An invention for saving the lives of shipwrecked mariners was introduced by Capt. Manby, 1811. A method somewhat similar had been published 20 years before by Sergeant Bell. Captain Henvey, R.N., in 1839, invented a life-buoy of the simplest but most efficacious description, and one which has already proved useful in practice. The "Lincolnshire Association for the Preservation of Lives in Shipwreck," combined the use of these life-buoys with Captain Manby's apparatus in such a way that the lives of mariners and of passengers on board stranded ships, they hope, may be saved, when, by all the means heretofore used, nothing could be done to relieve them. Captain Dansey, R.N., has invented a contrivance of the kite and messenger for the same humane purpose. This contrivance was practically exhibited at the United Service Institution, April 22, 1839, by Captain Saumarez, R.N.

SHIPWRIGHTS' COMPANY, London, incorporated 1610.

SHOEING OF HORSES, first introduced into England, 481.

SHOES. In the 9th and 10th centuries the greatest princes of Europe wore wooden shoes, or the upper part of leather and the sole of wood. In the reign of William Rufus, a great beau, Robert, surnamed the Horned, used shoes with long sharp points, stuffed with tow, and twisted like a ram's horn. The points continued to increase till, in the reign of Richard II., they were of so enormous a length that they were tied to the knees with chains, sometimes of gold, sometimes of silver. The long pointed shoes were called crackowes, and continued in fashion for three centuries in spite of the bulls of popes, the decrees of councils, and the declamations of the clergy.

At length the parliament of England interposed by an act, 1463, prohibiting the use of shoes or boots with points or pikes, excepting two inches in length, and prohibiting all shoemakers from making shoes or boots with longer pikes, under severe penalties. But even this was not sufficient ; it was necessary to denounce

the dreadful sentence of excommunication against all who wore shoes or boots with points longer than two inches. The present fashion of shoes was introduced in 1633, and the buckle began to be used about 1670.

SHOVEL, SIR CLOUDESLEY, a distinguished British admiral, was born about 1650. In the battle of Bantry-Bay he commanded the *Edgar*, and, for his gallant behaviour in that action, was knighted by King William III. Soon after he was made rear-admiral of the red, and shared the glory of the victory at La Hogue. In 1694 he bombarded Dunkirk. In 1703 he commanded the grand fleet in the Mediterranean, and did every thing in his power to assist the protestants who were in arms in the Cevennes. In 1705 he commanded the fleet, together with the earl of Peterborough and Monmouth, which was sent into the Mediterranean. After an unsuccessful attempt upon Toulon, he sailed for Gibraltar, and from thence homeward with a part of the fleet. On October 22, at night, his ship, with three others, was cast away on the rocks of Scilly, when he with the whole of his crew perished.

SHREWSBURY, Shropshire, is a place of great antiquity, and was built by the Britons on the ruins of *Uriconium*, a Roman station. After the Norman conquest William gave this country to Roger de Montgomery, who built here a baronial castle of great strength. A battle took place here in 1403, between the armies of Henry IV., and the earl of Northumberland. When the parliamentary war first broke out Charles I. came here, and was shortly after joined by Prince Rupert, Prince Charles, and the duke of York. He established a mint, and the inhabitants took plate to a large amount to be melted down and coined for the necessities of their monarch. In 1687, James II. visited this place, and held his court in the council-house, used for the same purpose by Charles I.

SHROPSHIRE. See **SALOP**.

SIAM, ancient kingdom of India beyond the Ganges. It was wholly unknown to Europe until the discovery of the route to India by the Cape of Good Hope. The first traces of its authentic history began about 1550. From 1687, Siam experienced much internal discord, and many sanguinary massacres. It remained, however, exempt from any

serious external annoyance until 1754, when, in consequence of the conquest of Pegu, the Birman dominions came in contact with those of Siam. In 1767, the Burmese captured Yuthia, the then capital, pillaged and burned it, and extirpated the royal family. In 1769, Piatac, a Chinese chief, collected some troops and expelled the Burmese from all their conquests except the provinces now belonging to the British along the bay of Bengal. He was succeeded by the first sovereign of the present dynasty, who reigned until 1809, when the late king ascended the throne; he died after a few days' illness. On the same day his oldest but illegitimate son, Prince Kroma Chiat, ascended the throne. In 1821, a mission from Bengal was dispatched to Siam: but it was received with great jealousy and distrust. By the treaty of 1827 all British subjects may proceed by sea to any Siamese port.

SIBERIA, territory, Asiatic Russia, including the whole northern part of the continent of Asia. The exploration of Siberia may be dated from the period when Russia began to emancipate herself from the yoke of the Tartar conquerors. The czars, about the 17th century, having acquired a knowledge of the countries upon the Obi, began to erect little forts, and proceeded to colonize this district by making it a place of banishment for state criminals,—a practice which has been continued to the present day.

SICILY, an island, Mediterranean, between Italy and Africa, which together with the continental dominions of the king of Naples, constitute the kingdom of that name. See **NAPLES**. Sicily, originally Sicania, derived its name from the Siculi, a people who invaded it from Italy. The Greeks resorted to it for the purpose of colonizing. The west and north coast were occupied by the Carthaginians about A.C. 500. About a century and a half after took place the long military contest between the Romans and Carthaginians for the possession of the island, on the termination of which Sicily remained in possession of the former during many centuries. In the 8th and 9th centuries of the christian era, the Saracens succeeded in conquering Sicily, and, making Palermo their capital, remained in possession of the island 200 years. They gave way to the Normans, who conquered it in the 11th century; it afterwards submitted to the French in 1266. By the peace of Utrecht, in 1713,

Sicily was given to the duke of Savoy, with the title of king. But in 1720, the Austrians exchanged it for Sardinia, and added it to Naples. The war of 1734, carried on by France and Spain against Austria, transferred the crown of Naples, or, as it was termed, of the Two Sicilies, to a branch of the royal family of Spain. The French revolution, in 1799, led to the expulsion of the royal family from Naples, but they were restored in 1815.

SICK AND WOUNDED SEAMEN'S INCORPORATION began June 24, 1747.

SIDDONS, MRS., the celebrated actress, was the eldest daughter of Mr. Roger Kemble, the manager of an itinerant company of comedians. Early in life she was married to Mr. Siddons, and soon after joined a strolling company of no great reputation. Afterwards at Liverpool, Birmingham, &c., she acquired a celebrity which procured her an engagement at Drury-lane. Her first appearance as Portia took place there, Dec. 29, 1775. After having removed to Bath, she made her second appearance at Drury-lane, on the 10th Oct., 1782, in the character of Isabella. Her fame was soon spread abroad, and the theatre overflowed every night. Her talent in reciting dramatic works had been highly spoken of, which reaching the ears of the royal family, she was frequently invited to Buckingham-house, and Windsor, where she and her brother, John Kemble, often recited plays. She also visited several of her noble patrons, amongst whom Lord and Lady Harcourt stood conspicuous. After acting with high reputation for many years she died, June 8th, 1831. Her remains were interred at Paddington church on the 15th of June. The number of persons assembled to witness the funeral could not be less than 5000.

SIDNEY, SIR PHILIP, was born at Penshurst in Kent, in the year 1554. After visiting France, Germany, Hungary and Italy, he returned to England in 1575, and was next year sent by Queen Elizabeth as her ambassador to Rodolph, emperor of Germany. In 1585, after the queen's treaty with the United States, he was made governor of Flushing, and master of the horse. Here he distinguished himself so much both by his courage and conduct, that his reputation rose to the highest pitch. But his illustrious career was soon terminated; for in 1586 he was wounded at the battle of Zutphen, and

carried to Arnheim, where he soon after died.

SIDNEY, ALGERNON, was the second son of Robert earl of Leicester, and was born about the year 1617. His father, upon being appointed lord lieutenant of Ireland, procured him a commission for a troop of horse in his own regiment in 1641. In 1643, he took part with the parliament, and accepted a captain's commission in the earl of Manchester's regiment of horse in 1644, and in 1645 he was raised to the rank of colonel of a regiment of cavalry by General Fairfax. In 1648 he was nominated one of the members of the high court of justice, appointed to try Charles I. Upon the restoration he retired to Hamburgh, and afterwards to Frankfort, where he resided till 1677, when he returned to England and obtained from the king a pardon. Being brought to his trial for an alleged conspiracy against the government, he was declared guilty, and suffered on Tower Hill, Dec. 7th, 1683.

SIENNA, or **SIENA**, ancient city, Tuscany, was long an independent republic, but became subject to France and Spain in the 16th century, and was afterwards ceded to the court of Florence. The town is the seat of a university founded in 1321.

SIERRA LEONE, British colony, Western Africa, on a river of the same name. The first settlers here were the Portuguese; shortly afterwards, the English established themselves upon Bance Island, in the middle of the river, in 1787. The Sierra Leone Company having been formed in 1791, with a charter for 31 years, the establishment was conducted with spirit; but it had many difficulties to encounter. It was disturbed by internal dissensions; it was involved in contests with the bordering native states; and in 1794 was plundered by a French squadron. The Sierra Leone Company being obliged to resign their concerns in 1807, the colony again reverted to the British government.

By a convention in 1819 between Sir C. M'Carthy and a Timmanee chief, named Ka Konka, possessing country on the boundary of the peninsula, that chief ceded to Great Britain the unlimited sovereignty of the lands known by the name of Mar Ports and Roe Boness, situated on the banks of the Bance river. In 1824, Ba Mauro, king of the North Balloms, ceded to Great Britain the

islands of Bance, Tasso, Tombo, &c. The colony thus extends over a mountainous tract of country, formed by two rivers, which nearly intersect it. Free-town, the capital, is built upon the south side of the Sierra Leone river, and at the northern extremity of the peninsula. The total population of the colony in 1831 amounted to 31,627.

SIEYES, ABBE', a celebrated French politician and writer, was born May 3d, 1748, at Frejus. He was brought up to an ecclesiastical life, but at the time of the American revolution, abandoned his religious pursuits to enter into the field of politics. When Louis XVI. convoked the States General, the Abbé Sieyes published his famous work, entitled, "What is the Third Estate?" The author was returned by the city of Paris as one of the members, and he was exceedingly active in that assembly. He was elected to the Convention, where he voted for the death of the king, but from 1792 to 1795 he did not speak more than three times in that assembly.

In May 1799 he was chosen a director in the room of Rewbell, and afterwards became president. It was while he was invested with this character, and by his influence, that the celebrated revolution of the 18th of Brumaire took place, which led to the elevation of Buonaparte. On the 4th of April, 1814, he submitted to the Bourbons; but, on the return of Buonaparte, in 1815, he was created a peer of France, and in 1816 was obliged to remove to Brussels. After the revolution of 1830, he, like all other French exiles, returned to his native country, but he never reappeared on the political scene. He died June 20th, 1836.

SILESIA, province of Prussia, was formerly subject to Poland, but was ceded to Bohemia in the 11th century. It passed with Bohemia to the house of Austria in the 16th century, but after the war which took place in 1740, the greatest part of it was ceded to Prussia.

SILHET, district Hindoostan, province Bengal, the most eastern of the British possessions in Hindoostan. Prior to 1824, this district enjoyed a long tranquillity, except by an attack on Genticah, in 1774. In 1824 it became necessary to collect troops to guard against an invasion from the Birman empire; and latterly the British became aggressors, by invading the contiguous province of Cachar.

SILISTRIA, one of the frontier towns of Turkey. In 1773 several actions took place here between the Russians and Turks. It surrendered to the Russians in 1829; the garrison of 8000 men, and 10,000 armed inhabitants, to be prisoners of war; it was restored by the treaty of the same year.

SILK. The art of rearing silkworms, of unravelling the threads spun by them, and manufacturing the latter into articles of dress and ornament, seems to have been first practised by the Chinese. It first began to be introduced at Rome from China, probably in the age of Pompey and Julius Cæsar; the latter of whom displayed a profusion of silks in some of the magnificent theatrical spectacles. Owing to the great distance of China from Rome, and the high price of silk in China, its cost, when it arrived at Rome, was so great, that a given weight of silk was sometimes sold for an equal weight of gold. In the beginning of the reign of Tiberias, a law was passed that no man should disgrace himself by wearing a silken garment. But the profligate Heliogabalus despised this law, and was the first of the Roman emperors who wore a dress composed wholly of silk. The example once set, the custom of wearing silk soon became general among the wealthy citizens of Rome, and throughout the provinces.

China continued to draw considerable sums from the Roman empire in return for silk, now become indispensable to the Western World, till the sixth century. About the year 550, two Persian monks, who had long resided in China, and made themselves acquainted with the mode of rearing the silkworm, encouraged by the gifts and promises of Justinian, succeeded in carrying the eggs of the insect to Constantinople. A new and important branch of industry was thus established in Europe.

Greece, particularly the Peloponnesus, was early distinguished by the rearing of silkworms, and by the skill and success with which the inhabitants of Thebes, Corinth, and Argos carried on the manufacture. Until the 12th century, Greece continued to be the only European country in which these arts were practised; but the forces of Roger, king of Sicily, having, in 1147, sacked Corinth, Athens, and Thebes, carried off large numbers of the inhabitants to Palermo, who introduced the culture of

the worm, and the manufacture of silk, into Sicily. From this island the arts spread into Italy; and Venice, Milan, Florence, Lucca, &c., were soon after distinguished for their success in raising silkworms, and for the extent and beauty of their manufactures of silk.

The silk manufacture was introduced into France in 1480; Louis XI. having invited workmen from Italy, who established themselves at Tours. The manufacture was begun at Lyons about 1520; when Francis I., having got possession of Milan, prevailed on some artizans of the latter city to establish themselves, under his protection, in the former. Henry IV. rewarded such of the early manufacturers as had supported and pursued the trade for 12 years, with patents of nobility.

The manufacture was introduced into England in the 15th century. In the reign of Elizabeth, the silk throwsters of the metropolis were united in a fellowship, in 1562; and were incorporated in 1629. Though retarded by the civil wars, the manufacture continued gradually to advance; and in 1666, there were 40,000 individuals engaged in the trade. By the revocation of the edict of Nantes, in 1685, Louis XIV. drove several hundreds of thousands of his most industrious subjects to seek an asylum in foreign countries; of whom it is supposed about 50,000 came to England. Such as had been engaged in the silk manufacture established themselves in Spitalfields, where they introduced several new branches of the art. In 1697 parliament passed an act prohibiting the importation of all French and other European silk goods; and, in 1701, the prohibition was extended to the silk goods of India and China.

In 1719 a patent was granted to Mr. (afterwards Sir Thomas) Lombe and his brother, for the exclusive property of the famous silk mill erected by them at Derby, for throwing silk, from models they had clandestinely obtained in Italy. From this period the history of the silk manufacture presents little more than complaints, on the part of the manufacturers, of the importation of foreign silks; impotent efforts on the part of parliament to exclude them; and combinations and outrages on the part of the workmen. In 1773 was passed what is commonly called the Spitalfields Act, which entitled the weavers of Middlesex

to demand a fixed price for their labour, which should be settled by the magistrates; and while both masters and men were restricted from giving or receiving more or less than the fixed price, the manufacturers were liable to heavy penalties if they employed weavers out of the district.

About 1785, however, the substitution of cottons in the place of silk gave a severe check to the manufacture, and the weavers then began to discover the real nature of the Spitalfields Act. Being interdicted from working at reduced wages, they were totally thrown out of employment; so that, in 1793, upwards of 4000 Spitalfields looms were quite idle. In 1798 the trade began to revive; and continued to extend slowly till 1815, and 1816, when the Spitalfields weavers were again involved in sufferings far more extensive and severe than at any former period. The monopoly enjoyed by the manufacturers, and the Spitalfields Act, effectually put a stop to all improvement, so that the manufacture continued stationary in England, while on the Continent it was rapidly advancing.

At length the principal manufacturers in and about London subscribed, in 1824, a petition to the house of commons, against the restrictive acts; and Mr. Huskisson moved, on the 8th of March, that the prohibition of foreign silks should cease on the 5th of July, 1826, and that they should then be admitted for importation on payment of a duty of 30 per cent. *ad valorem*. His proposal was agreed to; and considerable reductions were at the same time effected in the duties charged on most of the dye stuffs used in the manufacture. It is stated on the whole, that the effect of the opening of the trade has been such as to justify all the anticipations which the advocates of the measure had formed of its success.

During 1822 and 1823, when the restrictive system was in its vigour, the entries for consumption of all sorts of raw and thrown silk amounted at an average to 2,454,842 lbs. a year. But at an average of 1832 and 1833 they rose to 4,565,850 lbs; being an increase of nearly 100 per cent. upon the quantity entered during the monopoly. The exports of silks from France have been declining, while those from England have been increasing beyond all precedent. The declared value of our exports of silk goods, in 1823, amounted to £351,409, whereas in 1833 it amounted

to £740,294, and by the latest parliamentary return in 1839 to £868,118.

1839. An attempt has been made to establish the growth of silk in England. An experiment was made in one year at Nottingham, and detailed to the British Association by Mr. Felkin. He exhibited cocoons of the white and gold coloured products, adding, that except in one instance near London, for which the Society of Arts had awarded its premium in the year 1790, no one had succeeded in a similar experiment in England. The eggs were from Italy; and neither the situation in the heart of the town, nor the season, had been propitious. The room, was, however, kept at a temperature of between 55° and 70°; and, especially from the worms fed on the mulberry leaves, the silk was of a good quality.

SILK THROWSTERS' COMPANY, London, incorporated 1629.

SILVER. The most productive mines are in America, particularly in Mexico and Peru. There are also silver mines in Hungary, Saxony, and other parts of Europe, and in Asiatic Russia. Silver mines were discovered in Germany in 950; in Devonshire, England, 1294; at Potosi, 1545; at Cusco, 1712; in Brittany, France, Nov. 1730.

SIMMONS, CHARLES, D.D. author of the "Life of Milton," died 1826.

SIMONIDES, Greek lyric poet, flourished A.C. 503.

SIMPSON, THOMAS, mathematician, was born at Market Bosworth, in Leicestershire, in 1710. In 1737 he published his "Treatise on Fluxions;" in 1740 "On the Nature and Laws of Chance," and "Essays in Speculative and Mixed Mathematics." After this appeared his "Doctrine of Annuities and Reversions," "Mathematical Dissertations," &c. In 1743, he obtained the mathematical professorship at Woolwich Academy; and soon after was chosen a member of the Royal Society. He died May 14, 1761, in his 51st year.

SIMSON, DR. ROBERT, mathematician, was born in 1687. About the age of 25 he was chosen professor of mathematics in the university of Glasgow. His intimate acquaintance with all the original works of the ancient geometers, as well as with their commentators and critics, induced him to publish new editions of them, particularly the Elements and Data of Euclid, which appeared about 1758. He died in 1768, aged 81.

SINAI, mountain, Arabia, near the head of the Red Sea, celebrated in scripture as the spot whence the law was given to Moses, A.C. 1491. At the foot of the mount is the Greek convent, St. Catherine, founded A.D. 1331. The summit of Sinai is marked at once by a Christian church and Turkish mosque. The descent terminates at the monastery of the Forty Saints, which has suffered greatly from the depredations of the Arabs, who, according to the most recent accounts, have now driven out the monks, and obtained entire possession of it.

SINCLAIR, SIR JOHN, of Ulbster, Scotland, a privy councillor, fellow of the Royal and Antiquarian Societies, &c. &c., was born at Thurso Castle, in the county of Caithness, in 1754. In 1775 he was admitted a member of the Faculty of Advocates, and was called to the English bar at Lincoln's-inn, May 9, 1782. In 1780 he was elected member for the county of Caithness, which he also represented in the parliaments of 1790, 1802, and 1807. In 1786 he undertook an extensive tour in the North of Europe; and in the same year he was created a baronet of the United Kingdom by patent dated Feb. 14. In 1791 he procured the establishment of a society, in Scotland, for the improvement of wool; and the Board of Agriculture, the labours of which are so well known, in 1793. His literary works were very numerous, and were issuing from the press for more than half a century. He died Dec. 21, 1835.

SINGAPORE, island, Straits of Malacca, off the south point of the Malay peninsula, was taken possession of by the British under Sir Thomas Raffles, in 1819. A treaty was concluded with the native chief, and in 1824 a regular cession in full sovereignty of this and the neighbouring islands for 10 miles round it, was obtained from the sultan. When taken possession of by the English it had been inhabited for eight years by about 150 Malays, half fishermen and half pirates. In 1832 its population had reached 22,000. As a commercial mart, and key to the navigation of the seas in which it is situated, this settlement is of incalculable importance, having already an annual commerce amounting to upwards of £3,000,000 sterling.

SINKING FUND, a provision made by parliament, consisting of a portion of the public revenue, appropriated to the

payment of the national debt. See **NATIONAL DEBT**, and **FUNDS**. In 1715 different projects for this purpose were published by Edward Leigh, Mr. Asgill, and others. And in 1717 a plan for the gradual discharge of the debt was adopted by Sir Robert Walpole, which was afterwards generally known by the name of the sinking fund. For a few years the fund was strictly applied to the purposes for which it was established, but in 1724, the sum of £15,144 19s. was taken from the fund, to make good the loss to the treasury from the reduction of the value of gold coin. In 1733 the gross sum of half a million was taken from it towards the supplies, at which time the medium annual produce of the fund for five years had been £1,212,000.

The amount would have fully discharged the debt which then existed, but the alienation of it was continued. In March, 1786, Mr. Pitt brought forward his celebrated plan for the gradual extinction of the national debt by the establishment of a sinking fund, formed upon the model of that projected by Sir Robert Walpole, which was continued with some modifications for some time. But exhausted as the nation was by the stupendous efforts it had made during the progress of the war, it became impossible to continue the collection of taxes required for maintaining this fund in its integrity, so that about the year 1824 the plan was virtually abandoned.

SION COLLEGE, London-wall, founded 1623, incorporated 1664.

SIX CLERKS OFFICE, Chancery-lane, London, built 1770.

SKINNER, STEPHEN, English physician and antiquary, born about 1622, died 1667.

SKINNERS' COMPANY, London, incorporated 1327.

SLAVERY AND THE SLAVE TRADE. That slavery had its origin from war, appears extremely probable, and still more so that it existed at a very early period in the history of the world. In very remote ages, prisoners were most commonly put to death; but the selfish gradually predominated over the more passionate feelings, and for many ages it was usual to reduce them to the condition of slaves; being either sold by their captors to others, or employed by them as they might think fit.

At a very early period, the Phœnicians had such an established commerce in

slaves, that, not satisfied with reducing to bondage their prisoners of war, they scrupled not to kidnap in cold blood persons who had never kindled their resentment, in order to supply their foreign markets. The origin of slavery in Greece and Rome was the same as in every other country. Prisoners of war were of course reduced to that state, as if they had been criminals. Fabius, whose cautious conduct saved his country when Hannibal was victorious in Italy, having subdued Tarentum, reduced 30,000 of the citizens to slavery, and sold them to the highest bidder. The gladiatorial exhibitions, so common at Rome, were contests between slaves, denominated gladiators, trained to fight in public for the amusements of a ferocious populace, who took the greatest delight in these sanguinary combats. Thousands were annually sacrificed in this inhuman sport.

In consequence partly of their ill usage, and partly of its being accounted cheaper to buy than to breed slaves, vast numbers were annually imported into Italy. Thrace and the countries round the Black Sea furnished large supplies of the best slaves; and numbers were obtained from Egypt, Syria, Cappadocia, and other places. Delos in Cilicia was the greatest slave market of antiquity; as many as 10,000 slaves have been sold there in a single day.

The establishment of Christianity contributed more, perhaps, than any thing else, first to mitigate, and finally to suppress the abomination of slavery. But within no very long period after its abolition had been completely effected in every part of Europe, its horrors began to be inflicted on America. After the discovery of the new world, in consequence of the rapid destruction of the Indians employed in the mines of St. Domingo or Hayti, Charles V. authorised, in 1517, the introduction into the island, of African slaves from the establishments of the Portuguese on the coast of Guinea. The concurrence of the emperor was obtained by the intercession of the celebrated Las Casas, bishop of Chiapa, who, contradictorily enough, laboured to protect the Indians by enslaving the Africans. The importation of negroes into the West Indies and America, having once begun, gradually increased, until the extent and importance of the traffic rivalled its cruelty and guilt. Sir John Hawkins was the

first Englishman who engaged in this traffic; and such was the ardour with which our countrymen followed his example, that they exported from Africa more than 300,000 slaves between the years 1680 and 1700; and between 1700 and 1786, 610,000 Africans were imported into Jamaica only; to which adding the imports into the other islands and the continental colonies, and those who died on their passage, the number carried from Africa will appear immense. The importation by other nations, particularly the French and Portuguese, were also very great, and the traffic was carried on without obstruction for nearly three centuries.

ABOLITION OF THE SLAVE TRADE. The first motion on this subject in the British parliament was made in 1776; but without success. The subject was not taken up systematically till 1787, when a committee was formed, of which Mr. Granville Sharp and Mr. Clarkson, whose names are imperishably associated with the history of the abolition of the slave trade, were members. This committee collected evidence in proof of the enormities produced by the trade, procured its circulation throughout the country, and succeeded in making a very great impression on the public mind. After a number of witnesses on both sides had been examined before the privy council, Mr. Wilberforce, on May 12, 1789, moved a series of resolutions condemnatory of the traffic. They were supported by Mr. Burke in one of his best speeches; and by Mr. Pitt and Mr. Fox. But, notwithstanding the resolutions were carried, nothing was done to give them effect.

In the following years the great struggle was continued with various success, but without any definite result. At length the triumph of humanity and justice was finally consummated in 1807. A bill for the total and immediate abolition of the slave trade, having been carried in both houses by immense majorities, received the royal assent March 25, being the last act of the administration of Mr. Fox and Lord Grenville. "Thus ended," says Mr. Clarkson, "one of the most glorious contests, after a continuance of 20 years, of any ever carried on in any age or country; a contest, not of brutal violence, but of reason; a contest between those who felt deeply for the happiness and the honour

of their fellow-creatures, and those who, through vicious custom, and the impulse of avarice, had trampled under foot the sacred rights of their nature, and had even attempted to efface all title of the divine image from their minds."

But notwithstanding what had been done, further measures were soon discovered to be necessary. The Spaniards and the Portuguese continued to carry on the trade to a greater extent than ever; and British subjects did not hesitate, under cover of their flags, to become partners in their adventures. An attempt was made to put a stop to this practice in 1811, by the enactment of a law introduced by Mr. (now Lord) Brougham, that made trading in slaves punishable by transportation for 14 years, or by confinement to hard labour for a term of not more than five years nor less than three years.

At the congress of Vienna, in 1814, the plenipotentiaries of the great powers agreed to a declaration that the slave trade was "repugnant to the principles of humanity and of universal morality; and that it was the earnest desire of their sovereigns to put an end to a scourge which had so long desolated Africa, degraded Europe, and afflicted humanity." But in spite of this memorable declaration, the immediate abolition of the trade was not agreed to.

Though the trade nominally ceased in France in 1819, it was clandestinely carried on to a great extent in French ships. By an arrangement November 30, 1831, made with his Majesty Louis-Philippe, the right of search is, reciprocally conceded, within certain limits, by the French and English; so that French ships suspected of being engaged in the trade may be stopped by British cruisers.

The Spanish slave trade was to have finally ceased in 1820, according to the stipulations in the treaty between Spain and this country, July 5 and August 28, 1814; but still slave ships were publicly fitted out from Cuba, and immense numbers of slaves were imported into that island, with the open connivance of the authorities. A mixed commission court, consisting of British and Spanish commissioners, was established at Havannah for the condemnation of vessels proved to have been engaged in the slave trade.

Slaves were freely imported in immense numbers into Brazil, till Feb. 1830, when the trade was to cease, con-

formably to the convention entered into with this country June 23, 1826.

But although the legal abolition of the traffic had been thus accomplished by so many powers, yet there is good evidence that the laws have been evaded and the traffic continued to an enormous extent. Sir T. F. Buxton, in 1838, in his work on the "African Slave Trade," shows that the trade in slaves has doubled since it was relinquished in 1807, by the British nation; that at the present time, certainly far more than 150,000, and probably 250,000 negroes are annually torn from the coast of Africa for the supply of the western slave markets alone. This statement is the result of modes of investigation altogether various and distinct, but which concur in exhibiting the same appalling amount of misery and crime. The largest proportion of these slaves are landed at the ports of Brazil and Cuba, but the trade is also actively carried on to Porto Rico, Texas, Buenos Ayres, and other countries and colonies of America. Within the last few years, the citizens of the United States have built many vessels, "only calculated for piracy and the slave trade." Sir T. F. Buxton states, on the testimony of African merchants engaged in the legitimate trade, corroborated by the high authority of Mr. Mac Lean, governor of Cape Coast Castle, that one-third of the slaves are paid for by the dealers in cotton goods, which to the value of £250,000 yearly are "manufactured in Lancashire, and shipped to Brazil, Cuba, the United States, and elsewhere, intended for the slave trade, and adapted only for that trade."

ABOLITION OF SLAVERY. In the year 1823, the condition of the slaves in the British colonies was brought before parliament. During the following ten years, strenuous efforts were made in every shape to resist emancipation; a society was then formed for the Abolition of Slavery; information was circulated through the country; auxiliary societies were established; public feeling was universally excited; petitions were poured into both houses of parliament, and laid before the throne, from cities, towns, and villages. In 1833, an act was passed by the legislature for the Abolition of Slavery in the British Colonies. Under the statute (3 and 4 Will. IV. c. 73,) slaves were to become apprenticed labourers from August 1,

1834. They were divided into prædial and non-prædial. Apprenticeship of the prædial labourers was limited to Aug. 1, 1840. Apprenticeship of the non-prædial labourers to August 1, 1838. The treasury was empowered to raise loans, not exceeding £20,000,000, towards compensating the persons entitled to the services of the slaves to be manumitted and set free by virtue of this act, for the loss of such services. Directions were also given how the same was to be paid; and the interest and charges were made chargeable upon the consolidated fund.

But, although a generous and confiding nation was betrayed into a grant of £20,000,000, the slave was not yet made a free-man; consigned to an apprenticeship of six years, subject to the domination of the same master, he still groaned under the oppression and cruelty inseparable from the state in which he was placed; personal inspection confirmed the worst apprehensions of the abolitionists, and proved that the apprenticeship was only slavery under another name. Again the sympathies of the British nation were aroused, and the efforts of the friends of justice and humanity were finally crowned with success. In 1838 the planters of Jamaica, finding themselves unable to maintain the conflict against reason and humanity with any hope of success, themselves passed a law in the legislative assembly terminating the apprenticeship system from Aug. 1, 1838. On Thursday, June 7, the bill was brought in, and having gone through the preliminary stages, it was committed. After two days' discussion, the bill was passed, clauses being inserted to provide for the aged and indigent negroes, as well as to prevent their ejection from their domiciles without three months' notice.

The other islands in the West Indies soon after followed this example, and it appears that no injurious consequences have resulted from this measure, but rather that it has proved favourable to the moral and spiritual condition of the slave population.

1839. A new society was formed to endeavour to extend the benefits of freedom throughout the world. See ANTI-SLAVERY SOCIETY.

1840. A general anti-slavery convention, consisting of delegates from all parts of the world, assembled in London.

It commenced its sittings at Freemasons' Hall, June 12. The conference lasted several days, when much important information was elicited from the delegates, especially in relation to American slavery, and resolutions were passed calculated to promote the benevolent objects of the meeting.

SLINGSBY, SIR HENRY, governor of Hull, beheaded on Tower-hill with Dr. Hewit, June 8, 1658.

SLONE, SIR HANS, a distinguished physician and naturalist, was born at Killelagh, Ireland, April 19, 1660. After studying four years in London, he visited foreign countries for farther improvement. About 1684 he returned to England, and was admitted a member of the Royal Society. In 1787 he was chosen a fellow of the College of Physicians. On the advancement of George I. to the throne, that prince, April 3, 1716, created him a baronet, and at the same time made him physician general to the army, in which station he continued till 1727, when he was appointed physician in ordinary to George II. The death of Sir Isaac Newton, which happened the same year, made way for the advancement of Sir Hans to the presidency of the Royal Society. In this office he continued till 1740 when he resigned the presidency and retired to Chelsea, where he died, Jan. 11, 1752.

SLUYS, or ECLUSE, town, kingdom of Belgium, was taken by the Spaniards in 1587, and in 1604 the Dutch retook it. The French took it in 1747, but it was restored at the peace.

SMALCALD in Franconia, league of entered into between the elector of Brandenburg and other princes of Germany, in defence of Protestantism, Dec. 1529.

SMALL-POX. See INOCULATION and VACCINATION.

SMALL-POX HOSPITAL, Coldbath Fields, instituted Sept. 26, 1746.

SMEATON, JOHN, an eminent civil engineer, was born in May, 1724, at Austhorpe, near Leeds. In 1753 he was elected member of the Royal Society, and published a number of papers in their transactions. In 1759 he was honoured with their gold medal for his paper entitled, "An Experimental Inquiry concerning the Natural Powers of Water and Wind to turn Mills, and other Machines depending on a Circular Motion." In Dec. 1755, the Eddystone

lighthouse was rebuilt under Mr. Smeaton's direction, and completed in the summer of 1759. See LIGHTHOUSE. He died Oct. 28, 1792.

SMELLIE, DR. WILLIAM, eminent anatomist, died 1763.

SMIRKE, R., architect, died at Brampton, Cumberland, July, 1815.

SMITH, JOHN THOMAS, an eminent artist and writer, and keeper of the prints and drawings at the British Museum. He was author of "Antiquities of London and its Environs," containing views of houses, monuments, statues, and other curious remains of antiquity; "Antiquities of Westminster," containing 246 engravings of topographical objects, &c. In Mr. Upcott's album he wrote a playful account of himself, in which is the following paragraph. "I can boast of seven events, some of which great men would be proud of. I received a kiss, when a boy, from the beautiful Mrs. Robinson,—was patted on the head by Dr. Johnson,—have frequently held Sir Joshua Reynolds's spectacles,—partook of a pot of porter with an elephant,—saved lady Hamilton from falling, when the melancholy news arrived of Lord Nelson's death,—three times conversed with King George III. —and was shut up in a room with Mr. Kean's lion." He died March 8, 1833, aged 67.

SMITH, ADAM, the celebrated writer on political economy, was born at Kirkaldy, in Scotland, June 5, 1723. He was sent in 1737 to the university of Glasgow, where he remained till 1740, when he went to Baliol College, Oxford. In 1748 he fixed his residence in Edinburgh, and for three years read a course of lectures on rhetoric and belles lettres under the patronage of Lord Kames. In 1751 he was elected professor of logic in the university of Glasgow, and the year following was removed to the professorship of moral philosophy. In 1776 he published his "Inquiry into the Nature and Causes of the Wealth of Nations." He died in July 1790.

SMITH, SIR E. J. first president of the Linnæan Society, and author of "English Botany," died 1828.

SMITH, SIR SIDNEY, an eminent British naval officer, was born in 1764, entered the navy at the age of 13, and early distinguished himself by his feats of courage and daring. His gallant defence of Acre in 1799 against the

utmost efforts of the French army of Egypt will transmit his name with honour to posterity. See ACRE. He was almost the first to interfere for the suppression of European slavery in Africa, at the commencement of the present century, and made indefatigable and strenuous exertions in that humane cause. After a series of brilliant engagements in the service of his country, at the latter period of his life he retired to France. He died at his residence Rue d'Aguesseau, Paris, May 27, 1840, and was interred in the cemetery of Pere la Chaise. His funeral was attended by a great number of distinguished persons. "Honoured by his sovereign, and decorated with numerous foreign orders, he was in private life beloved and respected by all who had the honour of his friendship or acquaintance. His chivalrous and lofty bearing, his cheerful and animated conversation, his unbounded fund of anecdote, the suavity of his temper, his invariable benevolence and good nature, rendered him a most welcome and instructive companion."

SMOLENSKO, town, European Russia. Being a place of strength, the Russians made here their first serious opposition to the French in 1812, when the town was bombarded and set on fire. It was entered by the French after a sanguinary battle, Aug. 18, and evacuated by them, Nov. 18, the same year.

SMOLLET, DR. TOBIAS, a celebrated writer, was born in 1720, at a small village in Dumbartonshire, Scotland. In the early part of his life he studied medicine, and served as a surgeon's mate in the navy. The incidents that befell him during his continuance in this capacity served as a foundation for "Roderic Random," one of the most entertaining novels in the English language, which was published in 1748. From this period a certain degree of success was insured to every thing known or suspected to proceed from his hand. In the course of a few years appeared the "Adventures of Peregrine Pickle," "Sir Launcelot Greaves," &c. Abandoning medicine altogether as a profession, he fixed his residence at Chelsea, and devoted his time entirely to writing. He translated "Gil Blas" and "Don Quixote," and was concerned in a great variety of compilations. His "History of England" was the principal work of that kind. He was employed, during the last years of his life, in abridging the

“Modern Universal History,” great part of which he had originally written himself. He died Oct. 21, 1771.

SMUGGLING, or the offence of defrauding the revenue by the introduction of articles into consumption, without paying the duties chargeable upon them, occupies a prominent place in the criminal legislation of all modern states. In England it is restrained by a great variety of statutes. 19 Geo. II. c. 34, makes all forcible acts of smuggling, carried on in defiance of the laws, or even in disguise to evade them, felony without benefit of clergy. This act was made perpetual by 43 Geo. III. c. 15. More recently, 3 and 4 Will. IV. c. 53, Aug. 28, 1833, makes a great number of regulations for the prevention of smuggling. Three or more armed persons assembled to assist in the illegal landing of goods, or in the rescuing of goods seized, or maliciously shooting at, maiming, or dangerously wounding any officer of the army, navy, or marines, duly employed in the prevention of smuggling, &c., shall suffer death as felons. Any person in company with four others having prohibited goods, or with one other armed or disguised, shall be transported for seven years.

Notwithstanding these statutes, the commercial relations between France and Great Britain afford very curious details as to the smuggling carried on between them. It has been estimated from a comparison of the shipments of different articles from France for England, with the imports into the latter, and other authentic data, that the total amount of duties evaded by the fraudulent importation of overtaxed French articles (exclusive of tobacco, whole cargoes of which are sometimes introduced into Ireland) into this country amounts to about £800,000 a year. Of this sum, the loss on brandy makes by far the largest item; and is said to be “considerably more than £500,000.”

The smuggling on the frontiers of France was carried on to a large extent by horses till 1825, when it was suppressed. The director of the custom-house of France, July 30, 1831, made some curious statements on the fraudulent introduction of articles by dogs, which, since the suppression of smuggling by horses, have been employed. The first attempts were made in the neighbourhood of Valenciennes, afterwards at Dunkirk,

Charleville, Thionville and Strasburg, and, last of all, in 1828, at Besançon. In 1823, it was estimated that 100,000 kilogrammes of goods were thus introduced into France; in 1825, 187,315; and in 1826, 2,100,000 kilogrammes; all these estimates being reported as rather under the mark. The dogs, which are of a large size, sometimes carry 10 kilogrammes, and sometimes 12. The above estimate supposes that one dog in 10 in certain districts, and in others one in 20, is killed in this illicit traffic. In the neighbourhood of Dunkirk, dogs have been taken with burdens of the value of 600, 800, and even 1200 francs. The dogs which are trained to these “dishonest habits” are conducted in packs to the foreign frontier; they are kept without food for many hours, they are then beaten and laden, and at the beginning of the night started on their travels. They reach the abodes of their masters, which are generally selected at two or three leagues from the frontiers, as speedily as they can, where they are sure to be well treated and provided with a quantity of food. It is said they do much mischief by the destruction of agricultural property, and being tormented by fatigue, hunger, and hunted by the custom-house officers, they are exceedingly subject to madness, and they frequently bite the officers, one of whom died in consequence in 1829. They have also been trained to attack the custom-house officers in case of interference.

SMYRNA, city, Asiatic Turkey, Asia Minor, one of the most celebrated of the ancient cities of Asia, and claims to be the birthplace of Homer. The original city was destroyed by the Lydians, but Antigonus and Lysimachus rebuilt it on a different spot. In modern times, Smyrna has been distinguished for its extensive trade.

SNOWHILL, act of parliament passed for the improvement of, June 26, 1795.

SOAP is generally divided into two sorts—hard and soft: the former is made of soda and tallow or oil, and the latter of potash and similar oily matters. The alkali employed by the ancient Gauls and Germans in the formation of soap was potash; hence we see why it was described by the Romans as an unguent.

The manufacture of soap in London first began in the year 1524; before which time this city was served with

white soap from foreign countries, and with grey soap, speckled with white, from Bristol. London, Liverpool, Newcastle, Bristol, Brentford, Frodsham, and Glasgow, are the great seats of the British soap manufacture. Thus, of 119,379,037 lbs. of hard soap made in Great Britain in 1832, London furnished 29,627,735 lbs.; Liverpool, 28,878,466 lbs.; Newcastle, 6,982,049 lbs.; Bristol, 6,861,407 lbs.; Brentford, 5,573,074 lbs.; Frodsham, 4,933,335 lbs.; and Glasgow, 4,607,354 lbs. Of 10,350,703 lbs. of soft soap, made during the same year, Liverpool furnished above half; the rest being supplied by Glasgow, London, Bristol, Hull, &c.

The direct duty charged on hard soap, which is by far the most extensively used, amounted, till June 1833, to 3*d.* per lb., or 28*s.* per cwt., while the price of soap rarely exceeded 6*d.* per lb., or 56*s.* per cwt.; so that the direct duty was full 100 per cent.

1840. 3 and 4 Vic. c. 49, Aug. 4, consolidates and amends the laws for collecting the duties of excise on soap made in Great Britain. No less than 17 previous acts regulating the manufacture of, and trade in, soap, are repealed by this act, so far as they relate to soap.

SOAPMAKERS' COMPANY, London, incorporated 1638.

SOBIESKI, JOHN, the heroic king of Poland, born 1629, died 1696.

SOCIETY FOR THE PROPAGATION OF THE GOSPEL. See MISSIONS.

SOCIETY ISLANDS, group of islands, South Pacific Ocean, was discovered and so named by Captain Cook, in 1769. The principal island is Otaheite or Tahiti, which sometimes gives the name to the group. See OTAHEITE. They were first visited by the missionaries in 1798, who introduced the gospel among them. Since the conversion of the inhabitants to christianity, they have been visited frequently by Europeans, who bear testimony to their advances in civilization. Captain Waldegrave, R.N., recently gives the following account of them:—"The islands of this group acknowledging the sway of Queen Pomarre, are Otaheite and Eimeo; Raiatea, Huaheine, and Bona-bona being independent; her revenue consists of taxes of cloth, oil, pigs, and arrow-root. The population, by a census made by the missionaries in 1828, was as follows:—

Turaboo 2000; Otaheite 5000; Eimeo 13,000; Huaheine 2000; Raiatea 1700; Bona-bona 1800; Tahaa 1000; Menra 1000. Through the persevering activity of the late missionary, Mr. Williams, they have made much greater advances towards industry than any of the other islands.

SOCINIANS, a sect of anti-trinitarians who derived this denomination from Lælius and Faustus Socinus, and who arose in the 16th century. See SOCINUS. The chief school of the Socinians was at Racow, where they obtained the grant of a settlement, and there all their first books were published. But in 1638 the academy was destroyed, and their churches shut up. In 1658 another severe act was published requiring all the Socinians to leave the kingdom. This edict was renewed in 1661; and the Socinians sought an asylum in Transylvania, where they still continue numerous. The Socinians in England have adopted the appellation of Unitarians.

SOCINUS, LÆLIUS, the first author of the sect of the Socinians, was born at Sienna, in Tuscany, in 1525. He died at Zurich in 1562.

SOCINUS, FAUSTUS, nephew of the preceding, and principal founder of the Socinian sect, was born at Sienna in 1539. In 1577 he began to propagate his religious opinions, for which purpose he wrote a treatise, "De Jesu Christo Servatore." In 1579 he retired into Poland, and lived under the protection of several Polish lords. In 1598 he met with many insults at Cracow, and was with great difficulty saved from the hands of the populace. Having retired to a village about nine miles from Cracow, he there closed his life, in 1604.

SOCOTARA, or SOCOTRA, island, Arabian Sea, appears to have been known at an early period to the ancient geographers. Arrian says, "that the inhabitants of it were subject to the kings of the incense country." After this period, it may almost be considered as lost to geography until the visit of Marco Polo, in the 13th century. At the commencement of the 17th century, it was frequently visited for shelter or refreshment; and, in 1800, when the French army was in Egypt, Commodore Blanket was authorised to take possession of it. In 1834, on the establishment of a steam communication between India and Europe, the attention of

government became particularly directed towards Socotra, and it was surveyed by Lieutenant Wellsted. The whole island may be described as a pile of mountains, of nearly equal height, almost surrounded by a low plain, extending from their base to the margin of the sea. The principal articles of commerce are the aloe spicata, or socotrina, and the dragon's blood-tree (*pterocarpus draco*).

SOCRATES, the most eminent of the ancient philosophers, was born at Alopæce, a village near Athens, in the fourth year of the 77th Olympiad, A.C. 469. In the long and severe struggle between Athens and Sparta, he signalized himself at the siege of Potidæa, both by his valour and by the hardiness with which he endured fatigue. He also served in other campaigns with distinguished bravery. When he was upwards of 60 years of age, he was chosen to represent his own district, in the senate of five hundred. Under the tyranny of the Thirty Tyrants, he never ceased to condemn their oppressive and cruel proceedings. At length clandestine arts were employed to raise a prejudice against him; and a direct accusation was preferred, before the supreme court of judicature. He delivered, in a firm and manly tone, an unpremeditated defence of himself, which silenced his opponents. But their prejudices would not suffer them to pay due attention to this apology; they declared him guilty of the crimes of which he stood accused; and he was condemned to be put to death by the poison of hemlock. With perfect composure he swallowed the poisonous draught, and expired, in the first year of the 96th Olympiad, and in the 70th year of his age.

SODA, one of the fixed alkalies, generally procured from the ashes of marine plants. Its great depository is the ocean; soda being the basis of sea salt. Prof. Graham has observed that, in the history of the useful application of chemical science to the arts, the year 1839 will be memorable for various improvements connected with the soda process. Sulphuric acid, which is the key to so many important chemical products, had been chiefly prepared from the sulphur of Sicily; the supply of which was suddenly much reduced by some fiscal regulations of the Sicilian government. This led to the invention of several new processes for soda, which possess con-

siderable merit as chemical discoveries. The most interesting is that of M. Gossage, in the neighbourhood of Birmingham, for the recovery of the sulphur from soda-water; which promises not only a great saving of material, but a benefit of another kind, in abating, or entirely removing the nuisance of the escape of muriatic acid into the atmosphere in the ordinary soda process.—*Proceedings of the British Association.*

SODOM, burnt in the 65th year of Lot's age, A.C. 1897.

SOLANDER, DR., naturalist, died May 13, 1782.

SOLAR SYSTEM. See **ASTRONOMY.**

SOLIS, ANTONIO DE, Spanish historian, born 1610, died 1686.

SOLOMON, king of Israel, laid the foundation of his temple A.C. 1012; was visited by the queen of Sheba, 992; died 975.

SOLOMON ISLES, discovered by Mendana, a Spaniard, sent by the governor of Peru, 1575.

SOLON, one of the sages of Greece, was born at Salamis, of Athenian parents, who were descended from Codrus, and born about A.C. 549; became archon and legislator of Athens, 594; his laws were carried to Rome, 456. The interview which Solon is said to have had with Cræsus king of Lydia, the recollection of those remarks by Cræsus when doomed to die, and the noble conduct of Cyrus on that occasion, are well known. Solon died in the island of Cyprus, about the 80th year of his age, and statues were erected to his memory both at Athens and Salamis.

SOLWAY Moss, bordering on Scotland, 10 miles from Carlisle, began to swell, owing to the heavy rains, and upwards of 400 acres of it rose to such a height above the level of the ground, that at last it rolled forward like a torrent, and continued its course above a mile, sweeping along with it houses, trees, and every thing in its way; it then divided into islands of different extent, from one to ten feet deep. It covered near 600 acres at Netherby, to which it removed, and destroyed about 30 small villages. It continued in motion from Dec. 4, to Dec. 31, 1771.

SOMERS, LORD, chancellor of England, and author of several valuable works, born 1650, died 1716.

SOMERSET, maritime county, England. Under the Roman government,

was included in the province called Britannia Prima; and it contained among others the cities of Ilchester, Glastonbury, and Bath. On the invasion of South Britain by the Saxons, this county became the theatre of repeated contests, and Bath was captured by the West Saxons, and the greater part of Somersetshire became united to the kingdom of Wessex. Somersetshire was the scene of some important contests in the civil war between Charles I. and the parliament, and in the reign of James II. of the judicial executions of Judge Jefferies.

SOMERSET HOUSE, Strand, London, built 1549; pulled down 1776, and began to be rebuilt in its present state; the navy office, pipe office, victualling office, and other public offices, removed into it in 1788. The sum of £306,134 was granted by parliament to defray the expense of its erection, &c., to the year 1789, £1500 in addition in 1798, and £2550 in 1801.

SOMERTON CASTLE, near Newark, Lincolnshire, built 1305.

SOMERVILLE, WILLIAM, author of the "Chase," &c., died 1743.

SOONDA, territory Hindoostan, province of Canara. In 1763, Imody Selasiva, the last independent raja of Soonda, was expelled by Hyder, when he sought refuge at Goa, and surrendered to the Portuguese the whole of the territory below the Ghauts for a stipulated pension. In 1799 this territory was transferred to the British government, and annexed to the jurisdiction of Canara.

SOPHIA, ST., mosque of, at Constantinople, built 566.

SOPHOCLES, the celebrated Greek tragic poet, was born at Colonn. His studies were early devoted to the tragic muse, the spirit of Æschylus lent a fire to his genius, and excited that noble emulation which led him to contend with his great master. He gained the prize for tragedy over Æschylus, A.C. 469. He wrote 43 tragedies, of which seven only have escaped the ravages of time. He died in the 91st year of his age, about A.C. 406.

SORBONNE, or **SORBON**, the house or college of the faculty of theology established in the university of Paris, was founded in 1252, by St. Louis, or rather by Robert de Sorbon, his confessor and almoner, first canon of Cambridge, and afterwards of the church of

Paris. The college has been since magnificently rebuilt by the cardinal de Richelieu.

SOTHEBY, WILLIAM, the translator of "Homer," and of Wieland's "Oberon," died Dec. 30, 1833, in his 77th year.

SOUFFRIERE, mountain, in the island of St. Vincent, experienced an eruption in 1812, which lasted four days; the sun was darkened by its smoke and ashes, and stones were thrown which killed many people. Several houses were also set on fire.

SOUND, or **ORESOUND**, the strait between the Danish island of Zealand, and the continent of Sweden, leading into the Baltic. A toll was established here by Denmark on all ships passing into the Baltic sea, 1348. Out of this toll the king of Denmark maintained all lighthouses on the coast.

SOUTH, REV. DR. ROBERT, a divine of the church of England, was born at Hackney, in 1633. He was educated at Westminster School from whence he was elected to Christchurch, Oxford. He was promoted to a prebend of Westminster in 1663, and was in the same year admitted to the degree of D.D. He soon succeeded to a canonry of Christchurch; and in 1673 he attended as chaplain to the younger son of the earl of Clarendon, in an embassy to Poland. Dr. South was, from principle, a strenuous assertor of the royal prerogative, when William was seated on the throne, and a violent enemy to toleration, and to any concessions for conciliating the separatists. He died in July, 1716, at the age of 83.

SOUTH SEA, a name commonly applied to the Pacific Ocean, though not with propriety, for that ocean extends northward to the neighbourhood of the Arctic circle, or to about 64 degrees north latitude. See **PACIFIC OCEAN**.

SOUTH SEA COMPANY owed its origin to a deceitful project for relieving government from the embarrassment of a large amount of unfunded debt, in May 1710. Their stock-jobbing speculations were succeeded by mercantile projects, which were not much better conducted. The act of the 9 Ann, c. 21, establishing the South Sea Company, conveyed to them the exclusive privilege of trading to the Pacific Ocean, and along the east coast of America, from Orinoco to Cape Horn. In 1724 this company undertook the

whale fishery. After eight years' trade their loss proved to amount to upwards of £237,000. In 1733 their capital was put upon the same footing with other government annuities, and the company ceased to be a trading company. See FUNDS, page 497.

SOUTHCOTT, JOANNA, the prophetic impostor, who fancied herself the woman of the Revelations, died Dec. 27, 1814.

SOVEREIGNS, the coin, first issued May 8, 1821. Sovereigns coined at the Mint during the year 1836, 1,717,694; in 1837, 1,172,984. Half sovereigns in 1836, 70,087; in 1837, 80,103.

SPAFIELDS. From 20,000, to 30,000 persons assembled here, to vote an address to the Prince Regent, from the distressed manufacturers, tradesmen, &c., Nov. 15, 1816. Second meeting, Dec. 2, following, which terminated in a very alarming riot, the shops of several gunsmiths having been plundered of arms by the mob.

SPAIN was first civilized by the Phœnicians, who possessed great part of it; these called in the Carthaginians; it was afterwards invaded by the Rhodians. The Carthaginians, however, made new conquests, A. C. 209; and after the destruction of ancient Tyre, became the most powerful in this country. It was conquered by the Romans, A.C. 216. Grenada and Andalusia were the Bœtica of the Romans, and the rest of Spain the province of Tarragona.

The several provinces now subject to the crown were once independent kingdoms, but became one kingdom in A.D. 414. In the fifth century the irruption of the northern barbarians, the Suevi, Vandals, and Alani, spread devastation over almost every part of Spain and Portugal. They were vanquished by the Visigoths, assisted by the Roman power, and Christianity was introduced into Spain in the sixth century. The invasion of the Moors took place in 711, and they in a few years overran the whole country, except the Asturias.

The Moors kept full possession till the 11th century when their power was greatly impaired. About this time Spain was divided into 12 or 13 kingdoms. A series of warlike princes gave the Moors repeated overthrows, till the year 1474, when all the kingdoms in Spain, Portugal excepted, were united by the marriage of Ferdinand, king of Arragon, and Isabella, the heiress of Castile. They took

Grenada, and expelled out of Spain the Moors and Jews, who would not embrace the Christian faith, to the number of 170,000 families.

The following is a list of the sovereigns of Spain, with the date of their accession:—

	A.D.
Ferdinand the Great, under whom Castile and Leon were united, from 1027 to.....	1035
Sancho the Strong	1065
Alphonso the Valiant	1072
Alphonso VII.	1109
Alphonso VIII	1122
Sancho III.....	1157
Ferdinand II.....	1157
Alphonso IX.....	1158
Henry I.....	1214
Ferdinand III.	1216
Alphonso X.....	1252
Sancho IV.....	1284
Ferdinand IV.	1295
Alphonso XI.....	1312
Peter the Cruel.....	1350
Henry II.	1368
John I. the Bastard.....	1379
Henry III.....	1390
John II.....	1406
Henry IV.....	1454
Ferdinand and Isabella; the first styled Catholic	1474
Philip I.....	1504
Charles I.	1516
Philip II.	1555
Philip III.....	1598
Philip IV.....	1621
Charles II.....	1665
Philip V. resigned.....	1700
Lewis.....	1724
Ferdinand VI.	1745
Charles III.	1759
Charles IV.	1788
who resigned the crown to his son Ferdinand VII.	1808
Maria Isabella, daughter of Ferdinand VII.....	1834
Maria Christina was regent during this reign till.....	1840

In the war of 1803 Spain avoided a rupture with Britain, until roused by the capture of her ships in 1804 and 1805. The compulsory abdication of the royal family of Spain by Buonaparte, took place in 1808, and was followed by a general insurrection, the well known peninsular war; and the evacuation of the Spanish territory by the French in 1813, when Ferdinand VII. was restored.

The first acts of Ferdinand were to revive the inquisition and other abuses,

and banish and imprisonment those men who, to the best of their power, had contributed to his re-establishment. The dissatisfaction which his conduct produced, together with the contrariety existing in the political views of the great body of the people, rendered Spain from 1820 to 1830, a scene of civil commotion. The country was divided into two opposing factions, which threatened the extinction of all social order, one of which was headed by Don Carlos, brother of the king.

Ferdinand VII. died Sept. 29, 1833. By a will dated in 1830, he provided, that if, at the time of his death, any of his children should be under the age of 18, the queen was to be their guardian, and regent and governess of the monarchy, till the heir should complete the age of 18. The will of Ferdinand VII. which was the title of Donna Isabella II. to the throne, and of his widow, Queen Christina to the regency, was treated by his brother Don Carlos as a violation of the fundamental laws of the monarchy. To this source may be traced the civil war in Spain, from 1833 to 1839. See CARLOS.

1840. After the exile of Don Carlos, a state of comparative tranquillity ensued in Spain till this year; when an insurrectionary movement took place in Sept., which spread to most of the large towns in Spain, and appeared in the more commanding attitude of a revolution; the object of which was the maintenance of free institutions against the despotism of the crown. The junta of Madrid formed a Provisional Government, which on the 4th sent to the Queen Regent an exposition of their views, with a statement of their demands. In this address, whilst professing continued allegiance to the queen, and disavowing all intentions but the support of the constitutional prerogatives of the crown, the junta complained of the projects of law upon the liberty of the press, upon electoral rights, and upon the administration, &c. The queen refused to receive the address; and acting under the advice of her minister, Castill y Ayerbe, she sent it back unopened. Her majesty appealed to General Espartero, who refused to act against the insurgents. This led to the abdication of the Queen Regent, Oct. 12.

A new ministry was formed, who, by the constitution, were invested with the regency till the meeting of the cortes,

which was postponed till March, 1841. Queen Christina quitted Valencia, Oct. 17, for France. She was escorted to the boat by the council of regency, and the municipality of Valencia. She received along the road the customary honours and salutes. Arrived at Marseilles on the 23d, and afterwards retired to Naples. The government, in an address, urged the necessity of introducing reforms in all branches of the administration, and in the system of education; it directed the attention of the future government to the national debt, to the guarantee of which are attached the existence and welfare of thousands of families, native as well as foreign; it recommended that tithes be abolished, and that a competent provision be made for the support of the clergy; and concluded by recommending a revision of the Ayuntamiento law, the establishment of a law for ministerial responsibility, the revision of the civil, criminal, and commercial codes, &c.

SPARTA. See LACEDÆMON.

SPEAKING-TRUMPET. See ACOUSTICS.

SPECTACLE-MAKERS' COMPANY, London, incorporated 1630.

SPECTACLES were altogether unknown to the ancients, and the invention has been much disputed by the moderns. The most general opinion is, that Alexander de Spina, of Pisa, a monk of the order of Predicants, of St. Catherine, was the inventor about 1290; and that he communicated his invention, in consequence of finding that some other person was in possession of the secret as well as himself. He died at Pisa in 1313.

SPECULUM, any highly polished surface, which is employed to reflect to the eye of the observer the images of objects presented to it. See BURNING GLASSES. The term is most usually employed to signify the mirror in a Gregorian, Newtonian, or other reflecting telescope. The Rev. Mr. Edwards invented a metal for specula, as described in the Nautical Almanac for 1787, said by Dr. Hutton to be the whitest and best of any that he had ever seen.

1839. Mr. Nasmyth, in offering to the British Association a few remarks "On the Difficulties in the General Use of Metallic Specula for Reflecting Telescopes," &c., drew attention to an invention of his, viz., a plate-glass pneumatic speculum, placed on a concave

cast-iron bed, the edges only of the glass resting on a rim perfectly turned, and fastened in with bees'-wax, which rendered the apparatus air-tight, and was also of a yielding character.

SPELMAN, SIR HENRY, the antiquarian, died 1641, aged 80.

SPENCE, THOMAS, a political enthusiast, who devised and published a plan by which human kind could be provided with sustenance without pauperism, namely, by the confiscation and division of the landed, and the extinction of the funded property of the kingdom; died 1814.

SPENCER, THE RIGHT HON. GEO. JOHN, second earl, was born at Wimbledon, September 1, 1753. In 1794 Lord Spencer was sent on a special embassy to the court of Vienna; and, during his absence, July 19, was appointed lord privy seal; which office he resigned in the following December for that of first lord of the admiralty. On the peace of Amiens, he retired from office. He returned again to public duty, as secretary of state for the home department, together with Lord Grenville and Mr. Fox, in 1806. The death of the latter statesman, which soon followed, dissolved the administration; and from that period the noble earl removed from the arena of parliament. The earl was the collector of the finest private library in Europe, the history of which is developed by Dr. Dibdin, in the "*Ædes Althorpianæ*;" and some of its most important contents are described in the "*Bibliotheca Spenceriana*." On the establishment of the Roxburgh club in 1812, Earl Spencer became its president. He died Nov. 10, 1834, aged 76.

SPENCERS, father, son, and grandson, political characters and favourites in the reign of Edward II. and Henry IV. The father was hanged at Bristol, aged 90, in Oct. 1320. The son was hanged at Hereford, Nov. 24, following. The grandson was beheaded at Bristol, in 1400, in the reign of Henry IV.

SPENSER, EDMUND, an ancient English poet, was born at London in 1553. In 1578 he was introduced to Mr. Sidney, afterwards Sir Philip Sidney, by whom he was presented to Queen Elizabeth, who honoured him with the place of poet-laureate. About this time he finished his "*Shepherd's Calendar*," which was first printed in 1579. In 1587, having obtained a royal

grant of 3000 acres of forfeited lands in the county of Cork, in Ireland, he set out for that kingdom, took possession of his estate, and fixed his residence in the castle of Kilcolman, where he completed his great work of the "*Faëry Queen*." In 1597, on the rebellion of Lord Tyrone, who ravaged the whole county of Cork, he was obliged to fly for safety with his family to England, where, in 1599, he died in extreme poverty. His whole works, with his life by Hughes, were published in six vols. 12mo., in 1715 and 1750.

SPINOZA, BENEDICT, theologian, born at the Hague, 1632, died 1677.

SPIRE, or SPEYER, town Bavaria, was frequently the seat of the German diet. From 1795 to 1814 it belonged to the French, after which it was restored to Bavaria.

SPITALFIELDS, the weavers of, reduced to extreme suffering from want of employment, 1816. Again in 1837. On this occasion a ball took place at the Opera House, London, June 1, the profits of which were intended for the relief of the weavers. The dresses worn were all of British manufacture, and it is stated that temporary employment had been given to 8000 distressed weavers.

SPITZBERGEN, or EAST GREENLAND, group of islands, Frozen Ocean, were discovered by Hugh Willoughby in 1553, who supposed them to be part of the west continent. The Dutch attempted to settle a colony here, but all the people perished. The cold is so intense that these islands are uninhabitable; but eight English sailors, who some years ago were accidentally left here by a fishing ship, survived the winter.

SPURZHEIM, GASPAR, M.D. the celebrated phrenologist, was born Dec. 31, 1776, at the village of Longvich, near Treves, on the Moselle. In 1800 he attended, for the first time, the private course of craniological lectures which Dr. Gall had been occasionally in the habit of giving, at his own residence, for four years past. Spurzheim devoted himself to anatomy and physiology; and having completed his studies, in 1804, became the associate and fellow-labourer of Dr. Gall. They visited the principal cities of Germany, and the north of Europe, and arrived at Paris in 1807. In 1814 Dr. Spurzheim visited England, and by his lectures and writings disseminated a knowledge of phrenology;

and rendered its principles in some degree popular. During his residence in England, Dr. Spurzheim published several works on phrenology, &c. He died Nov. 10, 1832, aged 56.

ST. HELENA. See **HELENA.**

ST. STEPHEN'S CHAPEL, the English house of commons, built 1115.

STACK, MAJOR, gallant British officer, born in 1787, was a native of the county of Kerry, and served with great distinction in the Peninsula and in India. He commanded the company of the 43d regiment, which defeated the Chartists at Newport, in Wales, Nov. 1839. See **CHARTISTS.** He died Nov. 7, 1840, in his 53d year.

STADTHOUSE, at Amsterdam, built 1649, completely finished 1655.

STAEL, MADAME DE, ANNA LOUISA GERMAINE DE, the celebrated writer, was born in Switzerland in 1766. Her father, M. Necker, was originally a Genevese banker, a man of distinguished parts, and afterwards famed for the high position he occupied in France; on account of his financial ability he was elevated to the ministry of that department in 1776. See **NECKER.** This position brought his daughter into connection with all the most noted characters of the day, and Marmontel, Raynal, with many other celebrated writers of the time, were the daily visitors and intimate friends of the family. In her fifteenth year, she wrote an abstract of Montesquieu's "Spirit of the Laws." Her first published works were three plays—"Sophia," a comedy; "Lady Jane Grey" and "Montmorency," tragedies, in 1786. The same year she was married to the Baron de Staël Holstein, ambassador from Sweden to France.

During the revolutionary storm she retired to her father's house in Switzerland; but in 1795, the French republic was recognised by Sweden; and Madame de Staël, in that year, left her retirement, and returned to Paris with her husband, who was again appointed ambassador. By her influence with Barras and his colleagues in the Directory, Madame de Staël procured for Talleyrand the appointment of foreign minister. In 1797 she was introduced for the first time to Napoleon, whose enmity was destined to embitter her future life. The Baron de Staël died in 1798, leaving his widow with two children, a son and daughter. At the time of his death, he was on his way,

in company with Madame de Staël, to her father's house at Coppet, whither she hastened on hearing of the danger impending over Switzerland from the French armies. Necker was injudicious enough, in a work issued in 1802, to tell the world that the First Consul intended to re-establish a monarchy in France. Madame de Staël defended her father's conduct. Napoleon accused her of sending information to Necker injurious to the French government, and banished her from Paris. In the year of her banishment, two of her most celebrated works issued from the press at Paris; namely, her "Considerations on the Influence of Literature on Society," and her romance of "Delphine." In 1805 she published Necker's manuscript remains, with a life prefixed to them.

Madame de Staël visited Germany in 1810, for the purpose of collecting materials for her great work, entitled "L'Allemagne, or Germany." No sooner had the work been announced than Buonaparte, then all-powerful, ordered Savary, the police minister, to seize the whole impression, exiled the authoress from France; and her friends, Madame Racamier and M. de Montmorency, for merely visiting her, received sentence of banishment. A new marriage with M. de Rocca, a retired French officer, gave her a protector and companion; and in the spring of 1812, she fled to Vienna. From this she went to Moscow, and when the French army arrived at that city, removed to St. Petersburg, and in the autumn of the same year to Stockholm. In 1813 she passed over to England, and was entertained by the British in a very flattering manner. She published her "Ten Years of Exile" in 1814, and on returning to France was received with honour by the allied princes. From this time till her death, the life of Madame de Staël was spent in happiness and honour. She died on the morning of July 14, 1817.

STAFFORD, county, England, after the Anglo-Saxon invasion became a part of the kingdom of Mercia. Edward the Elder gained a victory over the Danes at Wednesfield, between Bloxwich and Wolverhampton; and, after the Norman conquest, several military actions occurred within the limits of this county.

STAHL, GEORGE ERNEST, an eminent German chemist, was born at Onold in Franconia, in 1660, and chosen pro-

fessor of medicine at Halle, when a university was founded in that city in 1694. He was called to visit Frederick William, king of Prussia, at Berlin, in 1716; and afterwards returned several times to that capital, where his reputation was greatly increased, and where at length he died in 1734, in his 74th year. He was the author of the "Doctrine of Phlogiston," which, though now completely overturned by the discoveries of Lavoisier and others, maintained its ground for more than half a century, and was received and supported by some of the most eminent men which Europe has produced.

STAMFORD BRIDGE, Yorkshire, is celebrated for the memorable battle fought in 1066, by king Harold against his brothers, Tosti and Harfager, kings of Norway.

STAMP DUTIES, a branch of the perpetual revenue of Great Britain. first instituted by statute 5 and 6 W. and M. c. 21. in 1694; the duties have since, in many instances, been increased to five times their original amount. They were increased in 1756; again, 1776, 1780, 1789, 1797, 1801, 1802, 1808, and 1815. They were begun in Ireland, March 25, 1774; increased 1801. The total produce of stamp duties of Great Britain, the year ending in January, 1806, was £4,194,285 12s. 10½*d.* The following are some of the miscellaneous stamp duties:—annual licences; law proceedings; matriculation in any university in Great Britain; appraisement of estates, real or personal; certificate to be taken out yearly, by attorneys, solicitors, or proctors, in England; receipts and bills of exchange; newspapers, &c. For an account of the stamps on newspapers since the late act, see **NEWSPAPERS**.

STAMP ACT in America passed 1764, which gave rise to the American war; repealed March 18, 1766.

STANHOPE, PHILIP DORMER, Earl of Chesterfield. See **CHESTERFIELD**.

STANHOPE, CHARLES, EARL, politician and inventor, born 1753, died Dec. 16, 1816.

STANISLAUS, the abdicated king of Poland, burnt by accident, Feb. 6, 1768, aged 89.

STANISLAUS, PONIATOWSKY, the last king of Poland, who was deprived of his kingdom in 1795, died Feb. 11, 1798, aged 65, at Petersburg.

STANNARY COURTS, in Devonshire

and Cornwall, instituted for the administration of justice among the tinnerns. The privileges of the tinnerns are confirmed by a charter, 33 Ed. I., and fully expounded by a private statute, 50 Ed. III., which has since been explained by a public act, 16 Car. I. c. 15, 1641.

STAPLEDON, WALTER, bishop of Exeter, murdered in London in an insurrection, 1326.

STAPLES' INN SOCIETY, established 1415.

STAR CHAMBER, COURT OF, an oppressive court of very ancient origin, in England. It was new modelled by statutes 3 Hen. VII. c. 1., and 22 Hen. VIII. c. 20. It consisted of divers lords, spiritual and temporal, being privy councillors, &c., and its jurisdiction extended over riots, perjury, and other notorious misdemeanors. Yet this was afterwards stretched to the asserting of all proclamations and orders of state, to the vindicating of illegal commissions and grants of monopolies. It was finally abolished by the statute 16 Car. I. c. 10. in 1641, to the general joy of the whole nation.

STARCH-MAKERS' COMPANY, London, incorporated 1632.

STATES OF THE CHURCH, the pope's dominions in Italy. See **CHURCH**, p. 287.

STATIONERS' COMPANY, London, incorporated 1556.

STAUNTON, SIR GEORGE, author of the "Memoirs of the Embassy to China," died 1801.

STEAM ENGINE, the idea of its principle suggested by the Marquis of Worcester, in his "Century of Inventions," as a "way to drive up water by fire," published in 1663.

1698. Captain Savery's engine for raising water. 1699 Papin's engine exhibited to the Royal Society. 1713. Atmospheric engine, by Savery and Newcomen. 1765. Watt's invention of performing condensation in a separate vessel from the cylinder. 1769. His first patent. 1775. His engines upon a large scale erected in manufactories, and his patent renewed by act of parliament. 1778. His expansion engine. 1778-9. Made to give a rotary motion; Washborough's patent.

1779. Double acting engine proposed by Dr. Falck on Newcomen's principle. 1781. Double engine executed by Watt. 1802. Trevithick's high-pressure engine.

1804. Woolf's double cylinder expansion engine.

1819. The establishment at Soho alone had manufactured of Watt's machines a number whose steady labour would have required not fewer than 100,000 horses; and the saving resulting from the substitution of these machines for animal labour amounted annually to more than £3,000,000 sterling. Throughout England and Scotland, at the same date, the number of these machines exceeded 10,000. They effected the work of 500,000 horses, or of three or four millions of men, with an annual saving of from £12,000,000 to £16,000,000 sterling. These results must, since the general application of the engines to navigation, be more than doubled. See the next article for an account of the number of vessels.

The idea of the rotary motion produced by the direct action of steam instead of being obtained by the intervention of moving parts, for converting the rectilinear motion produced by steam into a rotary one, engaged the attention of Watt and others but without success. Galloway's rotary engine, patented in 1826, was only in part successful; the great friction, leakage, and the difficulty of maintaining the packing steam-tight, have been generally found the great obstacle to the successful adoption of such engines. This difficulty has however been recently surmounted.

1839. Hearne and Davies's rotative disc engine was examined by Mr. F. Whishaw, C.E., who reports that, from several trials made with an engine of this construction at the works of the British Alkali Company, near Bromsgrove, he found the work done by a 24-inch disc engine, working with the steam at 29lb. pressure, to equal 20-horse power, with due allowance for friction; and the consumption of coal, (common Staffordshire), in general to 2 cwt. per hour, or rather more than 11lb. per horse, per hour.

Mr. Rowley, of Manchester, about the same time, invented a new rotary engine, combining simplicity of construction with rapidity of motion, greater power than a common engine of the same size, and a saving in fuel of upwards of 20 per cent.

LOCOMOTIVE ENGINES. The employment of an internal mechanism to impel waggons on a plane road is of very early date. But the first application of

the steam engine to this purpose took place at Paris, towards the close of the last century. From this time but little progress appears to have been made in the use of this species of wheel carriage, till 1802 when Mr. Trevithick patented his high-pressure engine for the above purpose. Trevithick's engine was improved by Blenkinsop in 1811, and by Dodd and Stephenson, of Newcastle-upon-Tyne in 1815. Several patents were obtained for locomotive engines, applicable to the common roads, namely, that of Mr. Julins Griffith, in 1821; of Mr. Samuel Brown, in 1823; Mr. W. H. James, in 1824; Mr. Goldsworthy Gurney, in 1826, and others. But this has been found to be ineffectual as a mode of conveyance in common roads. At length the application of steam power to locomotive engines on railways was introduced, which has been very recently marked by the most signal success. See RAILWAYS.

STEAM NAVIGATION. The first actual attempt on record, was made by Jonathan Hulls, who in Dec. 21, 1736, obtained a patent for the first steam-boat; but Hulls did not meet with the encouragement he merited, and the plan was for that time abandoned. In 1782 the Marquis de Jouffroy constituted a steam-boat to ply on the Saone at Lyons. It was 140 feet long and 15 feet wide, and drew 3.2 feet of water.

A few years afterwards various competitors for the application of steam navigation appeared: in America two rivals, James Rumsey of Virginia, and John Fitch of Philadelphia. In Italy the application of steam power to vessels was proposed by Dr. S. Serratti, and in Scotland by Mr. Miller of Dalswinton: under the direction of the latter, Oct. 14, 1788, the first steam-boat voyage ever made was successfully performed on Dalswinton Lake.

The next attempt was made by Mr. Symington, in a vessel which was tried on the Forth and Clyde Canal, for the first time, in November, 1789. In 1801, Lord Dundas, then Governor of the Forth and Clyde Canal Company, employed Mr. Symington to make an engine for an experimental vessel for that Company, which was soon after completed, and made many trips on the canal.

The first American steam-boat that completely succeeded was made by Ful-

ton, an American engineer. The vessel was launched at New York, Oct. 3, 1807, fitted with a steam engine made by Boulton and Watt, and soon afterwards this vessel plied between that city and Albany,—a distance of 160 miles.

The successful introduction of steam navigation, for purposes of utility in Britain, we owe to Mr. Henry Bell, who, in 1811, built a steam vessel called the "Comet." Since that time the progress of steam navigation has been exceedingly rapid.

The number of steam-boats on the Clyde in 1825 amounted to 51. The total number in Great Britain about the same period was 140, with a power equivalent to the work of 4700 horses, and a carriage of 16,000 tons. The number, tonnage, and power of vessels belonging to the mercantile steam marine of the United Kingdom, and its dependencies, at the close of the year 1838 were as follows:—Vessels 810. Computed tonnage 157,840. Amount of horse power 63,250. The American number is rated at 800 vessels, of which 600 belong to the western waters. About 140 belong to the state of New York. The total tonnage is estimated at 155,000. The American boats do not equal ours in size: the largest runs between New York and Natchez, and is of 860 tons; the next in size are on Lake Erie, and along the New England coast.

1838. First voyage across the Atlantic. Steam-ships of large burden, having been provided with engines of greater power than any before constructed for the purpose of navigation, the voyages between this country and New York of the "Sirius," the "Great Western," and the "Royal William," were performed free from the intervention of a single obstacle or accident. Transatlantic steam-voyages may now be said to be as easy of accomplishment, by means of ships of adequate size and power, as the passage between London and Margate. The "Sirius" and "Great Western" arrived back from their first voyages on the 19th and 22d of May. Since this period vessels of larger construction have been built. The "President" steamer was laid down towards the close of 1838, built by Messrs. Young and Curling, of Limehouse; in whose dockyard was also constructed the "British Queen." The proprietors of both vessels are the British

and American Steam Navigation Company; the "President" to run with the "British Queen," between London and New York. This magnificent vessel was towed out of the builders' dock on Dec. 9.

Steam vessels have also been constructed for the navy. The "Cyclops" steam-frigate, the largest steam man-of-war in the world, on July 10, was launched, at Pembroke Dockyard. Her dimensions are as follows:—Length 225 feet; beam between paddles 38; depth of hold 21; tonnage 1300. Her equipments as a man-of-war, are the same in all respects as a frigate. Her engines are of 320 horse-power.

STEELE, SIR RICHARD, political and miscellaneous writer, was born at Dublin, in 1671. In 1691 he was entered of Merton College, Oxford. He published his "Christian Hero" in 1701. In 1709 he commenced the "Tatler," a series of periodical papers, which, more than any of his other exertions, has contributed to establish his fame. In 1711 this paper was succeeded by the more celebrated "Spectator," and in 1713 the "Guardian," to all which he contributed. He afterwards engaged in other periodical works, but being subservient to mere political purposes, they have all been long since forgotten. On the accession of George I. he was presented with a small appointment under government, and in April, 1715, he received the honour of knighthood. In 1722 he brought forward his comedy of "The Conscious Lovers," which was received with great applause; but embarrassments pressed upon him; and he retired to an estate in Wales, where he died in 1729.

STEEVENS, GEORGE, the editor of "Shakspeare," died Jan. 21, 1800, aged 65.

STEPHEN THE MARTYR, died Sept. 26, A.D. 33.

STEPHEN, JAMES, one of the great promoters of the abolition of the slave trade, and the deviser of the system of continental blockade of the last war, died 1833, aged 73.

STEPHEN, king of England, born 1105; crowned Dec. 2, 1135. Died at Dover, Oct. 25, 1154, aged 50; was buried at Feversham.

STEPHENS, HENRY, ROBERT, and CHARLES, learned printers, editors, and critics, flourished in the 16th century.

STEREOTYPE. See PRINTING.

STERNBERG, COUNT GASPARD, a distinguished naturalist. His principal work, an antediluvian Flora, published in French and German, has long been highly appreciated by the scientific world. He died in 1838.

STERNE, LAURENCE, an eccentric English writer, was born at Clonmell, in the south of Ireland, in 1713. In 1722 he was sent to school at Halifax, in Yorkshire, where he continued till 1732, when he was removed to Jesus College, in Cambridge. In 1741 he was made a prebendary of York. In 1760 he published his two first volumes of "Tristram Shandy." In 1762 he went to France, and two years after to Italy, for the recovery of his health. He languished under consumption till 1768, when he died. The works of Sterne are very generally read. His "Sentimental Journey" and "Tristram Shandy" are the most known.

STERNHOLD, THOMAS, the author of the "Old Version of the Psalms," died in 1549.

STESICHORUS, Greek lyric poet, lived A.C. 600.

STEVENS, GEORGE ALEXANDER, author of the "Lecture on Heads," died, 1787.

STEVENSON, SIR JOHN ANDREW, Mus. D. and a distinguished composer, came from Scotland to settle in Dublin about the middle of the last century. In 1779, he composed some of the airs for O'Keeffe's farce of "Dead Alive," at which time he was not 19. Soon after he was admitted to the chapter of Christchurch, Dublin, where his celebrity was soon established. He received the honour of knighthood from the earl of Hardwicke, then lord-lieut., in April, 1802. From the year 1800 to 1816, Sir John Stevenson was constantly engaged in musical publications, in conjunction with his friend Mr. Moore. One of the last and greatest of his productions was his oratorio of the "Thanksgiving." He died Sept. 1833, aged 73.

STEWART, DUGALD, professor of Moral Philosophy at Edingburgh. In Oct. 1766, he was entered at the university, and his principal pursuits were history, logic, metaphysics, and moral philosophy. In 1792 he published the first volume of his "Elements of the Philosophy of the Human Mind," the second volume of which did not appear till 1813, and the third, not till 1827.

He wrote some of the Dissertations prefixed to the supplement of the "Encyclopædia Britannica." He was elected a member of the academy of St. Petersburg, and also of the academy of Philadelphia; and, in 1826, the Royal Society of Literature of London voted him a medal, for his essay on the "Philosophy of the Human Mind," &c. He died, June 11, 1828, aged 75.

STILLINGFLEET, EDWARD, a learned prelate of the church of England, was born at Cranborn, in Dorsetshire, in 1635. In 1657 he was presented to the rectory of Sutton, in Nottinghamshire. By publishing his "Origines Sacrae," one of the ablest defences of revealed religion that has ever been written, he acquired great reputation. In Jan. 1665 he was presented to the rectory of St. Andrew's, Holborn. He was afterwards chosen lecturer at the Temple, and appointed chaplain in ordinary to King Charles II. In 1685 appeared his "Origines Britannicæ, or the Antiquities of the British Church." After the revolution he was advanced to the bishopric of Worcester. He died at Westminster, in 1699, and was interred in the cathedral of Worcester, where a monument was erected to his memory.

STIRLING CASTLE, Scotland, was alternately held by the English and Scots, till it was taken by Robert Bruce, after he had triumphed at Bannockburn, 1314. Here James I. of Scotland kept his court, and James II. assassinated his turbulent kinsman, William, earl Douglas. James III. added to the castellated palace a magnificent hall for the meeting of the Scottish parliament, which is now used for barracks. The castle is one of the Scottish fortresses, the preservation of which, in constant repair is guaranteed by the articles of union between the two kingdoms.

STOCKHOLM, the capital of Sweden. The foundation is attributed to Birger Jarl, regent of the kingdom about the middle of the 13th century, during the minority of his son Waldemer, who had been raised to the throne by the states of the kingdom; but it was not before the 18th century that the royal residence was transferred from Upsal to this city.

Several treaties took place here. The peace of Stockholm, between the king of Great Britain and the queen of Sweden, by which the former acquired

the duchies of Bremen and Verden, as Elector and Duke of Brunswick, Nov 20, 1719. Treaty of Stockholm between Russia and Sweden, in favour of the duke of Holstein Gottorp, March 24, 1724; and treaty of Stockholm, entered into between England and Sweden, March 3, 1813.

STOCKINGS. The Romans and other ancient nations had no particular clothing for the legs. During the middle ages, hose or leggings, made of cloth, began to be used. At a later period, the art of knitting stockings was discovered, but nothing certain is known as to the origin of this important invention. Silk stockings were first worn in 1547, by Henry II. of France. It is proved, however, that the practice of knitting woollen stockings was well known in England, and had been referred to in acts of parliament, a good many years previously to this period.

The stocking frame for weaving stockings, in a rude form, was invented in 1589, by Mr. William Lee, of Woodborough, in Nottinghamshire. At the invitation of Henry IV. of France, he introduced the stocking frame at Rouen, with distinguished success. A knowledge of the machine was brought back from France to England, by some of the workmen who had emigrated with Lee, and who established themselves in Nottinghamshire, which still continues the principal seat of the manufacture. During the first century after its invention few improvements were made upon it. But in the course of the last century, the machine was very greatly improved. The value of cotton hosiery now annually made is estimated at £880,000; of worsted £870,000; of silk £241,000.

STOCKS. See FUNDS.

STONEHENGE, a celebrated monument of antiquity, which stands in the middle of a flat area on Salisbury Plain, six miles distant from Salisbury. The whole number of stones, uprights, imposts, and altar, is 140. Geoffroy of Monmouth, who wrote in the reign of king Stephen, says, that it was erected by the counsel of Merlin, the British enchanter, in memory of 460 Britons who were murdered by Hengist. It is the more probable, however, according to Mr. Grose, that this structure was a British temple, in which the Druids officiated, and that this and other monu-

ments of the kind are all anterior to written evidence.

STORMS, REMARKABLE:—A.D. 234, one in Canterbury, threw down 200 houses, and killed several families.

549. In London, which threw down many of the houses, and killed 250 inhabitants.

944. In London, which threw down 1500 houses.

951. Southampton nearly destroyed in a storm of lightning.

1055. Nearly 400 houses in London blown down.

1194. A violent storm almost desolated a great part of Denmark and Norway.

1359. When Edward III. was on his march, within two leagues of Chartres, there happened a storm of piercing wind that swelled to a tempest of rain, lightning, and hailstones, so prodigious, as instantly to kill 6000 of his horses, and 1000 of his best troops.

1510. In Italy a storm of hail destroyed all the fish, birds, and beasts of the country.

1515. Jan. 1. A violent one in Denmark, which rooted up whole forests, and blew down the steeple of the great church at Copenhagen.

1658. September 3. The day that Oliver Cromwell died, one was so violent and terrible, that it extended all over Europe.

1703. Nov. 27. The most terrible one that had ever been known in England, attended with flashes of lightning, which unroofed many houses and churches, blew down several chimnies and the spires of many steeples, tore whole groves of trees up by the roots, and the leads of some churches were rolled up like scrolls of parchment. Several vessels, boats, and barges were sunk in the Thames; but the royal navy, which had just returned from the Mediterranean, suffered the greatest damage: one 2d rate, four 3d rates, four 4th rates, and many others of less force, were cast away upon the coast of England, and above 1500 seaman lost, besides those that were cast away in the merchants' service; in London only, the damage was estimated at a million sterling.

1737. Oct. 11. At the mouth of the Ganges, in India, when 20,000 vessels of different kinds were cast away, eight English East India ships, and 300,000

people were lost, and the water rose 40 feet higher than usual.

1782. April 22. At Surat, in the East Indies, which destroyed 7000 of the inhabitants.

1794. Jan. 16. Almost universal through Great Britain, by which much damage was done.

1816. Aug. 31. A most tremendous gale, by which many vessels were lost, and much damage was done to the shipping in general on the English coasts.

1817. Feb. 27. Tremendous gale of wind, which did considerable mischief, was experienced at Birmingham, Liverpool, Manchester, and other northern towns.

1818. March 4. A tremendous hurricane throughout England, which did great damage to the shipping at the ports; another, Nov. 23, 1824.

1833. Tremendous gales of wind, which occasioned great loss of shipping on the coasts of England and France.

1833-1834. In the winter, when numerous shipwrecks occurred on the coasts of England, Scotland, and Ireland, as well as on both sides of the Channel, and on the shores of the German Ocean, to the extent of 100,000 tons.

1836. Nov. 29. Throughout England and on the coast of France, which did great damage, when the ball and cross of St. Paul's Cathedral vibrated fearfully.

1839. Jan. 6 and 7. A violent hurricane, on the night of the 6th, and during the 7th, committed great ravages on the western coast of England, and opposite shores of Ireland, and destroyed many vessels in St. George's Channel. The storm also raged with great violence throughout the counties of Cheshire, Staffordshire, and Warwickshire. In Liverpool, 20 persons were killed by falling buildings; Bootle Bay was covered with wrecks, as many as 15 vessels being thrown on the shore within the space of a mile; 100 persons were drowned, and an immense quantity of property was destroyed; the cargoes on board two of the vessels wrecked, amounted to £500,000. Dublin is said to have presented the appearance of a sacked city, the houses in some parts burning, in others unroofed or blown down with their furniture strewn in the streets. In Athlone, from 40 to 50 houses were blown down; in Moate, 70 houses were burnt; and the town of Loughrea was almost totally destroyed

70 houses being burnt, and 100 levelled to the ground by the wind.

1840. Severe storms in Nov., which did a great deal of damage both inland and at sea, and lasted several days. At Lexden, near Colchester, and at Lincoln the gale assumed the character of a whirlwind. At sea, on all parts of the coast, but more particularly on the southern and eastern, the wrecks were unusually numerous and disastrous.

STOTHARD, THOMAS, librarian to the Royal Academy, and a distinguished artist, was born, Aug. 17, 1755, in Long Acre. He studied with great diligence at the Royal Academy, and the first picture he exhibited was Ajax defending the body of Patroclus. He was elected an associate of the Academy in 1785, and a royal academician in 1794. In 1810, he was appointed deputy librarian to Mr. Birch, and on his death in 1812, succeeded as librarian. Among Mr. Stothard's more important works, may be enumerated his designs for "Boydell's Shakspeare," his "Canterbury Pilgrims," his ceremony of the "Flich of Bacon," at Dunmow, and his "Wellington Shield." His largest work was painting the staircase at Burleigh, the seat of the marquis of Exeter. He died April 27, 1834, aged 78.

STOW, JOHN, an industrious antiquarian and historian, was born about 1525. In 1565 he first published his summary of the Chronicles of England. About the year 1584 he began his Survey of London, first published in 1598. Having spent his patrimony, he sunk into penury in his old age, and died in 1605, at the age of 80.

STOWELL, LORD, elder brother of the Earl of Eldon, died Jan. 29, 1836, at Early Court, Reading, in his 91st year. He presided for many years over the Consistory and Admiralty Courts.

STRABO, a celebrated Greek geographer, philosopher, and historian, was born at Amasia. He flourished under Augustus in the century before the Christian era, some say A.C. 30. He composed several works, all of which are lost except his geography in seventeen books, which are justly esteemed very precious remains of antiquity. The best edition of this work is that of Amsterdam, in 1707.

STRADA, author of the "History of the Wars of Flanders," died 1649.

STRAFFORD, THOS. WENTWORTH,

EARL OF, was born in London, April 13, 1593. In the parliament in 1628, he signalized himself as a patriot, but afterwards became one of the most strenuous supporters of the despotic power of Charles I., who heaped honours upon him. In 1639 he was created baron of Raby, and earl of Strafford; and the following year, he was also made knight of the garter. On Nov. 11, 1640, eight days after the opening of the long parliament, on the motion of Mr. Pym, he was impeached of high treason, and tried March 22, 1641. After a feeble and insincere attempt of the king to save him, he was executed on Wednesday, May 12, 1641.

STRALSUND, town, Prussia, formerly belonging to Sweden. It was built about 1209, and became a member of the Hanseatic league. In 1678 it was forced to surrender to the elector of Brandenburg. After this the Swedes defended it to the last extremity; and Charles XII. in 1714, came hither after his return out of Turkey. But the throne of Sweden not being able to hold out against five great powers, it was forced to submit in 1715. In 1720 it was rendered back to Sweden, but ceded to Prussia in 1813.

STRASBURG, city, France, department Upper Rhine, is a place of antiquity: it early received the doctrines of the reformation, and is the see of a bishop. The cathedral is a beautiful Gothic structure, founded in 1015, and finished in 1275, said to be the loftiest building in the world. A protestant university was established here in 1803.

STRATFORD-ON-AVON, Warwickshire, chiefly celebrated as the birthplace of the immortal Shakspeare, who was born here in 1564. It was a place of considerable consequence previous to the conquest, and was famous for a monastery founded in the reign of Ethelred. In September 1769, was the first commemoration of Shakspeare's Jubilee, which lasted three days. A species of annual commemoration is still kept up.

STREATHAM, SURREY. It contains a newly built church, in which upon tablets of white marble, are Latin inscriptions from the pen of Johnson, to the memory of Mr. Thrale and Mrs. Salusbury, mother of Mrs. Piozzi. The steeple was struck by lightning, and great part of the church burnt down, Jan. 3, 1841.

STRUTT, JOSEPH, author of "Sports and Pastimes," died 1802.

STRYPE, JOHN, author of "Ecclesiastical History," &c., born 1643, died 1737.

STYLE, OLD AND NEW. See **CALENDAR**, p. 179.

SUCKLING, SIR JOHN, dramatic writer, born 1613, died 1642.

SUDBURY, Archbishop of Canterbury, beheaded by the rebels on Towerhill, June 14, 1381.

SUDELEY CASTLE, Gloucestershire, built 1442.

SUETONIUS, TRANQUILLUS CAIUS, Roman historian, was born at Rome, and became secretary to the emperor Adrian, about A.D. 118, but that post was taken from him three years after. His History of the "Twelve Roman Emperors" has been much commended by most of our polite scholars.

SUETONIUS PAULINUS, a Roman general, in the reign of Nero, invaded the island of Anglesea, and burnt the Druids, 59. Defeated Boadicea at London, and slew 80,000 of the Britons the same year.

SUEVI. See **VANDALS**.

SUGAR was very imperfectly known by the Greeks and Romans. Theophrastus, who lived about A.C. 320, is the first writer whose works have come down to us by whom it is mentioned. Pliny describes it as "honey collected from canes," but this was probably the mode of preparing, which has been understood and practised in China from a very remote antiquity. The Saracens, having in the 9th century, conquered Rhodes, Cyprus, Sicily, and Crete, introduced into them the sugar cane, with the cultivation and preparation of which they were familiar. The Venetians imported, in the 12th century, sugar from Sicily at a cheaper rate than they could import it from Egypt. The Saracens also introduced it into Spain soon after they obtained a footing in that country. The first plantations were at Valencia; they were afterwards extended to Granada and Murcia, and in 1664 the plantations had made considerable progress.

Plants of the sugar cane were carried by the Spaniards and Portuguese to the Canary Islands and Madeira, in the early part of the 15th century. Barbadoes is the oldest settlement of the English in the West Indies. They took possession of it 1627, and in 1646 began

to export sugar. When Jamaica was conquered in 1656 there were only three small sugar plantations upon it. But fresh plantations were speedily formed, and continued rapidly to increase.

The sugar cane was first cultivated in St. Domingo in 1506. It succeeded better there than in any other of the West India islands. In 1518 there were 28 sugar works in St. Domingo established by the Spaniards. Previously to its devastation, in 1790, no fewer than 65,000 tons of sugar were exported from the French portion of the island. For nearly a century the West Indies continued the chief place for the growth of sugar.

EAST INDIA SUGAR has been grown since the year 1792, when, from the limited supply and high price of West India sugar, the attention of the East India Company was drawn to its importation, and, since 1838, sugar has been brought over from India of a very superior quality.

In August 1834, a cargo of sugar arrived at Liverpool from Lima, in Peru, being the first ever brought to this country from that quarter.

The art of refining sugar, and making what is called loaf-sugar, is a modern European invention, the discovery of a Venetian, about the end of the 15th or the beginning of the 16th century. It was practised first in England in 1569; was first taxed in 1685.

England consumes about one-fifth of all the sugar produced in the world, but our demand is principally limited to our West India colonies. The sugar planters of the British West Indies have a monopoly of the home market. In the five years ending 1824-29-34-39, the quantity they supplied us, taking the annual average of each period, was as follows:—From 1820 to 1824, 3,764,360 cwts.; 1825 to 1829, 3,869,933 cwts.; 1830 to 1834, 3,860,484 cwts.; 1835 to 1839, 3,354,833 cwts.

BEET-ROOT SUGAR.—The manufacture is carried on to a very considerable extent in several parts of the continent, particularly in France; it would probably however have been entirely extinguished, but for the oppressive additions made to the duties on colonial sugars in 1820 and 1822. Also, 1 Vict. c. 57. July 15, 1837, imposes on every hundred weight of sugar manufactured in the United Kingdom from beet-root, and so in proportion, a duty of £1 4s.

SUIDAS, a Greek writer, who flourished in the 11th century, under the reign of the emperor Alexius Comnenus. He wrote, in Greek, an historical and geographical dictionary or lexicon.

SULLY, DUKE DE, an eminent French writer and political character, author of "Memoirs," died 1641, aged 82.

SULPHUR, or BRIMSTONE, is of great importance in the arts, and as an article of commerce, being extensively used in the manufacture of gunpowder, and in the formation of sulphuric acid, or oil of vitriol. The entries for home consumption in 1831 and 1832 amounted, at an average, to 312,698 cwt. a year. In some parts of Italy and Sicily, it is dug up in a state of comparative purity.

1840. A dispute arose respecting the sulphur monopoly. In March, the English ambassador at Naples required the dissolution of a French company which had monopolised the trade. The government of the Two Sicilies refused to abolish the monopoly. Admiral Stopford proceeded to Naples with the intention of capturing Neapolitan and Sicilian vessels, but the mediation of the French government between England and Naples was accepted, and the disputes adjusted.

SULPICIUS the historian, died 420.

SUMATRA, island, in the Eastern Seas, discovered by Siqueyra, a Portuguese, in 1508; more accurately examined by the Portuguese in 1511; now belonging to Holland. By a recent treaty, Bencoolen and other British settlements in the island were ceded to Holland for some continental territories, to take place from March 1825.

SUNDAY SCHOOLS. See **SCHOOLS.**

SUN-DIAL. See **DIAL.**

SURAT, one of the most ancient cities of Hindoostan, being mentioned in the Ramayuna. After the discovery of the passage to the east by the Cape of Good Hope, it was much frequented by vessels belonging to European nations, who exported pearls, diamonds, &c. A treaty was concluded in 1800 with Nassir ud Deen, the new nabob, by which he agreed that the management of the city and district of Surat should be vested in the British government. By a subsequent treaty in 1803, the Maharattas, who had for many years overrun Surat, were compelled to abandon it, and it has ever since remained under the Bombay presidency.

SURGEONS' COMPANY, London, incorporated 1745.

SURINAM, colony, South America, Dutch Guiana, was ceded by the English to the Dutch, for the province of New York, in 1774. It was taken by the British in 1799, and again in 1804; and restored in 1814.

SURPLICES first used in churches, 316.

SUSA, or **SUSE**, province, Africa, empire, Morocco. It was bombarded and nearly destroyed by the Venetians, November 1784.

SUTTEE, a name applied in India to the practice of immolating the widow on the funeral pile of her husband. This inhuman rite has been frequently brought before the British parliament, in the present century. In 1817, under the government of Lord Hastings, was issued, a formal set of circular instructions for the regulation of suttees. In 1824, Mr. Courtney Smith, second judge of the nizamat adawlut at Calcutta, gave it as his opinion, that these regulations had an injurious influence. The actual number of widows immolated for 10 years, ending 1824, was as follows:—1815, 378; 1816, 442; 1817, 707; 1818, 839; 1819, 650; 1820, 597; 1821, 654; 1822, 583; 1823, 575; 1824, 572; total, 5997. In 1829, under the administration of Lord W. Bentinck, the supreme government of Bengal abolished the practice by a "Regulation for declaring the habit of suttee, or of burning or burying alive the widows of Hindoos, illegal, and punishable by the criminal courts, established by the governor in council on the 4th of Dec. 1829."

SUTTON, **THOMAS**, founder of the Charter-house, born 1532, died 1611.

SUWARROW, or **SUVEROFF**, **MARSHAL**, Russian general, born 1730, died 1800.

SWAMMERDAM, **JOHN**, natural philosopher, was born 1637. He went to the university of Leyden in 1651; and in 1653 was admitted a candidate of physic. In 1657 he returned to Leyden, and took his degree of doctor of physic. In 1663 he published a "General History of Insects," and in 1675 his "History of the Ephemeras." He died in 1682. His works were translated into English in 1758.

SWAN RIVER SETTLEMENT, situated at the south-west angle of the continent of New Holland, or Australia. No

attempt had been made to explore this coast, till, in 1827, Captain Stirling sailed from Sidney and reached Gage's Roads, at the mouth of Swan River. This colony received the encouragement of the British government, by an order from the colonial office, in 1829. The settlers arrived in August, and began to locate themselves along the banks of the Swan and Canning rivers, so that, by the end of that year, there were in the new colony residents 850; non-residents 440; value of property, giving claims to grants of land, £41,550. By accounts in 1837 the colony was going on very favourably. The last harvest had proved abundant, and all the necessaries of life were plentiful, and the prices moderate. The colonists were embarking in the whale fishery, and had established a whaling joint stock company.

SWANSEA CASTLE, Glamorganshire, built 1113.

SWEATING SICKNESS, that carried off great numbers, first observed in England in 1481. Again 1483; in Sept. 1485; again 1506; again, so that in some towns half the people died, in others one-third, 1517.

SWEDEN, anciently Scandinavia, the kingdom of, began 481, was united to the crown of Denmark and Norway, in 1394. Gustavus Vasa expelled the Danes in 1525, until which time the crown was elective. See **GUSTAVUS VASA**.

Lutheranism was established there by Gustavus Vasa, about 1525. Popery abolished, and the crown declared hereditary, 1544. The most memorable events after this period occurred in the time of Charles XII., who began his reign 1697. See **CHARLES XII**.

Conspiracy for altering the government, when Counts Brahe and Horne were beheaded, 1756. Revolution in the government, and the king, Gustavus III. made absolute, Aug. 13, 1772; another revolution, 1789. The king was assassinated, March 16, 1792. He was succeeded by his son, then only 14 years of age, by the title of Gustavus Adolphus IV., who was dethroned, and the government devolved on his uncle, Charles, duke of Sudermania, March 13, 1809, as Charles XIII.

On account of the advanced age of Charles XIII., Charles Augustus, prince of Augustenburgh, was chosen as crown prince and future successor, Jan. 24, 1810.

Charles Augustus dying suddenly,

May 29, John Bernadotte, prince of Ponte Corvo, was chosen crown prince, Aug. 21, following. The government was resigned by Charles, in favour of his adopted son Bernadotte, March 17, 1811, but resumed by him January 7, 1812. Sweden made peace and alliance with England in August of the same year. Norway was ceded to it by treaty, Jan. 14, 1814. Charles XIII. died July 5, 1818, on which occasion Bernadotte, the crown prince ascended the throne with the title of Charles XIV.

Kings and Queens of Sweden, from Sigismund I. King of Poland.

Sigismund I. began	1592
Charles IX.	1606
Gustavus II. Adolphus	1611
Christina, aged 6	1632
Charles X.	1654
Charles XI. four years old	1660
Charles XII. aged 15	1697
Ulrique, sister to Charles, aged 15	1718
Frederick.	1720
Adolphus of Holstein.	1751
Gustavus III.	1771
Gustavus IV.	1792
Charles XIII.	1809
Charles XIV.	1818

SWEDENBORG, EMANUEL, a religious visionary, who wrote many mystical books, born at Stockholm 1689, died in London 1772.

SWEIN, the Dane, was proclaimed king of England in 1013. He died Feb. 3, 1014, at Thetford, in Norfolk.

SWIETEN, BARON VON, the Dutch medical writer, born 1700, died June 1772.

SWIFT, JONATHAN, universally admired as a wit and classical writer, was born at Dublin, Nov. 30, 1667. In 1688, under the patronage of Sir William Temple, he was introduced to public notice. In 1704 he published the "Tale of a Tub." From this period till 1708 he gave successively to the public the "Sentiments of a Church of England Man," the "Argument against abolishing Christianity," and the "Defence of the Sacramental Test." In 1710 was commenced the "Examiner," of which Swift wrote 33 papers, beginning his first part of it on Nov. 10, 1711. He obtained the deanery of St. Patrick's in 1713. On the death of Queen Anne Swift lived in a private manner, known and regarded only by his friends, till about 1720, when he published his first political pamphlet relative to Ireland,

entitled "A Proposal for the Universal Use of Irish Manufactures." In 1727 he published his "Gulliver's Travels." The latter years of his life were beclouded by ill temper; and the advances of old age made life a burden to him. In 1741 he became utterly incapable of conversation; and at last sunk into a perfect silence, which continued till Oct. 29, 1745, when he expired in his 78th year.

SWINBURNE, HENRY, the traveller, died 1803.

SWITZERLAND, inhabited formerly by the Helvetii, who were subdued by Cæsar, A.C. 571. It remained subject to the Romans, till again conquered by the Alemans from Germany, A.D. 395. These were driven out by Clovis I. of France, 496. This territory became part of the kingdom of Burgundy, 838. It was given by the last king of Burgundy to the emperor of Germany, 1032, to which it belonged, till the Swiss cantons were formed, 1307.

About this time, Rodolph of Hapsburgh, at the head of the empire, extended the Austrian influence over the chief part of Switzerland. Rodolph's son, Albert, assumed a lofty tone towards the Swiss, and appointed as governors, men of overbearing character. It was the tyranny of one of these, named Geysler, or Gresler, that led to the insurrection of the three mountainous districts of Schweitz, Uri, and Unterwalden, in 1308, under the celebrated William Tell, when the imperial officers were seized, conducted to the frontier, and obliged to take an oath that they never would return.

In 1345, Leopold, the brother of the reigning emperor, advanced at the head of an armed force, but was defeated and expelled. The three cantons now formed an alliance with Bavaria, and were joined soon after by five other cantons. This confederacy, after consisting, during a century and a half, of eight cantons, received five more, making 13, the number by which the Swiss commonwealth was formerly known in the history of Europe. During five centuries the Swiss saw very little war.

In 1797 the partizans of France having excited disturbances, the French entered the country, and, after defeating the troops and peasants, they abolished the constitutions of the principal cantons, erected the Helvetic republic, added six new cantons, and vested the govern-

ment in two councils and a directory. This constitution was abolished in 1802 by the first consul of France, and another was presented for their acceptance, but rejected; he offered them a new one in 1803, which they accepted.

In 1813 the allied armies traversed the country for the purpose of invading France, when some changes took place in the administration of Switzerland; these produced commotions among several of the cantons; but in 1814, on the meeting of the diet, these disturbances were appeased, three more cantons were added, and a federal compact was signed at Zurich. The integrity and independence of the Swiss republic was recognised by the congress at Vienna in 1815.

1830. Insurrection at Berne: the government found it necessary to lend an ear to the public demand for changes in their institutions. The rural communes of the canton of Basle also rose, demanding a larger share in the government. Many of the other cantons expressed the same determination. In Zurich, Lucerne, Aargau, Thurgau, and Soleure, ameliorations were promised, guarantees were given, and governments yielded to the general feeling.

1833. Fresh dissensions in Basle and Schweitz: several of the cantons formed themselves into a separate diet. Disturbances at Kussnacht. Basle was occupied by federal troops. Resistance of Neufchatel to the general diet. Plan for detaching it from Prussia.

1836. Disputes between France and Switzerland. The Duke de Montebello, French ambassador, delivered to the federal diet an official note, intimating that all relations, diplomatic and commercial, were suspended, until satisfaction was made by Switzerland to France for certain alleged affronts. An extraordinary meeting of the diet was convoked for Oct. 17. The British government offered its mediation, through its ambassador.

1838. New constitution of Zurich. Dissensions in the canton of Schweitz. Dispute with France relative to Louis Buonaparte. See FRANCE, p. 490.

1840. Fresh revolt in Switzerland. Soleure began the disturbance, and was scarcely quieted ere Argovia, or Aargau, broke out into yet greater disorders. Several towns revolted, and resisted the government troops for three days. The

result was the utter rout of the insurgents. The monks had taken part in the rebellion, and the government visited them with special punishment, suppressing all monasteries within the province.

SYDENHAM, THOMAS, physician, the restorer of true medical science, died December 29, 1689, aged 65.

SYLLA, LUCIUS CORNELIUS, a Roman warrior and tyrant, born A.C. 137, died A.C. 78.

SYRACUSE, a town in the island of Sicily. It was besieged by the Athenians, A.C. 414. It was governed by Dionysius the Elder and Timoleon in less than half a century after. Syracuse was taken by the Romans, A.C. 212, and continued under their dominion until the inroads of the barbarians at the downfall of the empire. See SICILY.

SYRIA, a very ancient kingdom of Asia, underwent various changes till the death of Alexander, when it gave name to a very considerable empire. The first king was Seleucus, one of the generals of Alexander the Great, who obtained possession of the whole of Syria about A.C. 280. Seleucus was succeeded by his son Antiochus Soter, who held the empire 19 years. He died A.C. 261, and was succeeded by his son Antiochus Theos.

Antiochus, surnamed the Great, ascended the throne A.C. 225. Being induced to declare war against the Romans, he involved himself in perpetual disasters. After a variety of usurpers and tyrants, the kingdom of Syria fell under Tigranes, king of Armenia, in A.C. 83, and upon his overthrow by the Romans, it became a province of the republic. From them it was taken by the Saracens in the reign of the caliph Omar, in the seventh century, and became a province of Turkey in Asia.

Since this period chiefs have from time to time started up, who have long set the power of the Porte at defiance. About the middle of the 18th century, Daher, a powerful Arabian sheik, established in Syria a power so independent, that the Porte, in order to preserve any form of allegiance, was obliged to grant him an annual lease of his dominions. His successor was the celebrated Dsjezzar Pacha, who soon raised a power almost equally independent. His reign was rendered remarkable by the invasion of Syria by Buonaparte, when Dsjezzar, with the aid of British

seamen, gave that dreaded commander the first serious check he had received. After the death of Dsjezzar, the power reverted to the Porte, and Soleiman was appointed pacha. In 1811, when Mr. Burckhardt was at Damascus, Soleiman reigned over the whole of Syria and Palestine, except the pachalic of Aleppo.

1832. Mehemet Ali, the pacha of Egypt, attacked Syria. He marched a powerful army, under the command of his son, Ibrahim, attended by an equally powerful fleet, to attack him at St. Jean d'Acre, the capital of his pachalic. Acre, Damascus, and Aleppo, successively fell before him, and laid open to the Egyptian army the road to the extremities of Syria, and by the signal victory between Antioch and Scanderoon, July 29, the conquest of Syria was completed. By the intervention of the four European powers, England, Austria, Russia, and Prussia, a convention was proposed in 1839, by which the pachalic of Syria

was offered to Mehemet Ali for life. See EGYPT.

1840. On the 26th November, Commodore Napier concluded a convention with the pacha, in virtue of which the latter became bound to recall Ibrahim Pacha from Syria, and to restore the Ottoman fleet as soon as he should have received the official notification. This gave rise to a correspondence between the Porte and the British government, in consequence of which, on the 11th of January, 1841, the pacha made his complete submission to the sultan, gave up the whole of the Turkish fleet and evacuated Syria. On the 12th of January the sultan sent instructions to his commissioners in Egypt to inform Mehemet Ali that his submission being complete, he would grant him the hereditary tenure of the pachalic of Egypt.

SYSIGAMBIS, mother of Darius, king of Persia, on hearing of the death of Alexander, starved herself, A.C. 324.

T.

TABLES, LAWS OF THE TWELVE, were the first set of the laws of the Romans, enacted and confirmed by the senate and an assembly of the people, A.U.C. 303.

TACITUS, CAIUS CORNELIUS, a celebrated Roman historian, born about A.U.C. 809. He lived in the reigns of Vespasian, Domitian, and Nerva. Tacitus was engaged in A.U.C. 850, to pronounce the funeral oration of Virginius Rufus. He died about the reign of Trajan.

TAGUS, river of Spain. Several places on or near its banks, as Santarem, Almaraz, and Talavera, were the scenes of military operations in the late peninsular war.

TALAVERA DE LA REYNA, town, Spain, New Castile, is a place of great antiquity, and contains many Roman monuments. It is memorable for the battle fought in 1809, between the French and an allied force, in which the former were repulsed.

TALLARD, MARSHAL, French general, taken prisoner by the English at the battle of Blenheim, 1704, died 1728. See BLENHEIM.

TALLEYRAND, PERIGORD,

CHARLES MAURICE DE, the eminent French statesman, was born at Paris, in 1754. In 1788 he was consecrated bishop of Autun, and the year after was elected deputy of the clergy of his diocese to the States-General. In 1790 he was named president, and in the same year officiated at the altar in the Champ de Mars, on the day of the National Federation. His resignation of the bishopric of Autun, and his election as a member of the directory for the department of Paris, followed soon after. In 1792 he was sent into England on a secret mission, but was afterwards ordered to leave the country within 24 hours. He then left France for the United States, but in 1796 was recalled by a decree of the Convention. In 1797 he was appointed minister of foreign affairs. On Napoleon becoming emperor in 1806, he was elevated to the rank of prince of Benevento, and grand chamberlain of the empire. In 1814 he was appointed president of the provisional government of France, until the arrival of the Comte d'Artois. He was French commissioner at the congress of Vienna, and, on the final return of Louis XVIII.,

in 1815, he resumed the portfolio of foreign affairs, as president of the council. After the revolution of 1830 he proceeded to London as ambassador, where he remained till 1835. He died at Paris, May 17, 1838, in his 84th year.

TALLOW CHANDLERS' COMPANY, London, incorporated 1463.

TALMA, FRANCIS JOSEPH, the Garrick of the French stage, born 1763, died 1826.

TALMUD, a collection of Jewish traditions; there are two works which bear this name, the "Talmud of Jerusalem," and the "Talmud of Babylon." Each of these is composed of two parts; the Mishna, which is the text, and is common to both, and the Gemara or Commentary. See **MISHNA**.

TAMERLANE, TIMUR BEC, or **TIMOUR**, a Tartar prince, and the conqueror of Asia, born 1335, died 1405. See **MOGUL EMPIRE**.

TAMWORTH CASTLE, Warwickshire, built 914.

TANGIERS, seaport, Morocco, is an ancient town, and was known by the name of Tingis, to the Romans. In modern times, it has been a subject of contest between the Moors, Portuguese, and Spaniards. It was taken by the latter in 1470. In 1662 it was ceded to Charles II. of England. The English abandoned it in 1684; and it became a distinguished station for piracy.

TANNER, THOMAS, bishop of St. Asaph, antiquarian, died 1735.

TAPESTRY. This art is supposed to have been borrowed from the Saracens. The first manufacture at Paris was set up under Henry IV. in 1606 or 1607, by several artists whom that monarch invited from Flanders. The art was brought into England by William Sheldon, in the reign of Henry VIII. In 1619 a manufacture was established at Mortlake, in Surrey, by Sir Francis Crane, who received £2000 from king James to encourage the design. Under Louis XIV. of France, the manufacture of the Gobelins was instituted. See **GOBELINS**.

TARBES, town, south-west of France. In 1814 the French army under Soult were forced from their position here by Lord Wellington.

TARLETON, GENERAL SIR BANASTRE, governor of Berwick, and formerly, for 22 years, M.P. for Liverpool. He entered the army in 1775, in the

king's dragoon guards. In 1776 he obtained leave to go to America, where he distinguished himself during the war, until the British army was, as a whole, overpowered by that of the republicans. After his return home he published "A History of the Campaigns of 1780 and 1781 in the Southern Provinces of North America," 4to. 1787. From the peace of 1783 to 1788 he was continued on half pay as lieutenant-colonel commandant of cavalry. In 1790 he attained the rank of colonel, and in 1794 that of major-general. He obtained the rank of general January 1, 1812. He was created a baronet, by patent, dated November 6, 1818, and he was at length invested a G.C.B. May 20, 1820. He died January 25, 1833, aged 78.

TARRAGONA, a town, north-east of Spain, Catalonia, is remarkable for its siege and sack by the French marshal Suchet. It surrendered to the French June 28, 1811. Was abandoned by them September 4, 1813.

TARTARY, a country of Central Asia, which, taken in its fullest extent, reaches from the Eastern Ocean to the Caspian Sea, and from Corea, China, Tibet, Hindoostan, and Persia, to Russia and Siberia. These countries are inhabited by Tartar tribes of different denominations and different manners. They are known in antiquity under the name of Scythians. In the 12th century Tartary became the seat of the most formidable empire that has ever been established. See **MOGUL EMPIRE**. Since that time the population and political state of this country have undergone an entire change. It has been occupied by a race who are divided into several kingdoms, of which Bokhara is the most important.

TASSO, TORQUATO, a celebrated Italian poet, was born at Sorrento, Naples, in 1544. He was sent to the university of Padua, and at 18 published his "Rinaldo," a poem on the plan of Homer's Odyssey, which extended his fame through all Italy. He went to reside at Ferrara, where, at the age of 30, he finished his "Jerusalem," the success of which was astonishing. It was translated into Latin, French, Spanish, and even into the Oriental languages, almost as soon as it appeared. After this he spent the remainder of his life alternately at Florence, Naples, and Rome, and died at the latter place in 1595. All his works were printed together at Florence in 1724.

TATE, NAHUM, poet laureate, died 1716.

TAVERNER, JOHN BAPTIST, French traveller, died 1689.

TAVERNER, WILLIAM, a dramatic writer, died 1731.

TAXES. See ASSESSED TAXES, LAND TAX, &c.

TAYLOR, JEREMY, bishop of Down, author of "Holy Living and Dying," &c., born 1613, died 1667.

TAYLOR, JANE, whose poetical effusions for the young have been much celebrated, was the second daughter of the Rev. Isaac Taylor of Ongar, and was born at London, September 23, 1783. "Original Poems for Infant Minds," and "Hymns for Infant Minds," to which she largely contributed, appeared between 1805 and 1810. In 1814 she completed a tale under the title of "Display," and in 1816 her "Essays in Rhyme, on Morals and Manners." She died in 1824, in the 41st year of her age. By her works she has, in an unpretending walk of literature, widely scattered the seeds of virtue and piety.

TAYLOR, LIEUT.-GEN. SIR HERBERT, principal aid-de-camp to the late Queen Charlotte, much respected for his public services and private virtues. He was appointed private secretary of the duke of York in 1799; of George III. in 1805; and of the queen in 1812. He attained the rank of major-general in 1813; of lieutenant-general in 1825. He published an interesting narrative of the last illness of the duke of York.

TAYLOR, THOMAS, the platonist, was born in London, in 1758. His most laborious task was a translation of Pausanias, in three vols. His publications extend to 23 quarto and 40 octavo vols. He was assistant secretary to the Society of Arts. He died Nov. 1, 1835, aged 77.

TEA was wholly unknown to the Greeks and Romans, and even to our ancestors previously to the end of the 16th or beginning of the 17th century. It seems to have been originally imported in small quantities by the Dutch, but was hardly known in this country till after 1650. In 1660, however, it began to be used in coffee houses. In 1664 the East India Company bought 2 lbs. 2 oz. of tea as a present for his majesty. In 1667 they issued the first order to import tea, directed to their agent at Bantam, to the effect that he should send home 100 lbs. of the best tea he

could get. In 1689, instead of charging a duty on the decoction made from the leaves, an excise duty of 5s. per lb. was laid on the tea itself.

In the nine years preceding 1780, above 180,000,000 lbs. of tea were exported from China to Europe, in ships belonging to the English. Smuggling was carried on to an enormous extent till Mr. Pitt, in 1784, reduced the duties from 119 to 12½ per cent. This measure was signally successful, and the legal imports of tea were about trebled. In 1795, however, the duty was raised to 25 per cent.; and after successive augmentations in 1797, 1800, and 1803, it was raised in 1806, to 96 per cent. *ad valorem*, at which it continued till 1819, when it was raised to 100 per cent. on all teas that brought above 2s. per lb. at the company's sales.

The following statements show the progress of the consumption of tea in this country, being the quantity retained for home consumption in Great Britain every 10 years from 1789 to 1833. In 1790 14,693,299 lbs.; 1800, 20,358,702 lbs.; 1810, 19,093,244 lbs.; 1820, 22,452,050 lbs.; 1830, 30,047,079 lbs.; 1833, 31,829,620 lbs.

1834. The act 3 and 4 Will. 4. c. 93, abolishing the Company's monopoly, and making it lawful for all individuals to import tea, was passed.

1840. The imports ending January this year amounted to 38,068,565 lbs.

THE TEA-PLANT IN ASSAM.—This was discovered about the year 1828, but little attention was paid to it, until the investigations of Captain Jenkins and Lieutenant Charleton brought the matter under the serious notice of Government. About 1837 Mr. C. A. Bruce was sent thither to explore the tea country, and was appointed superintendent of its culture. He then proceeded to raise plantations; and in 1838 transmitted to England eight chests of "Assam Tea," each containing 320 lbs. Mr. Bruce discovered 120 tea-tracts, some of them very extensive, both on the hills and in the plains; whence a sufficient number of seeds and seedlings might be collected in the course of a few years, to plant off the whole of Assam.

TEFLIS or TIFLIS, city, Asiatic Russia, kingdom of Georgia, was founded in 1063, by the Tzar Liewvang. In 1723 it was taken by the Turks, and in 1734 retaken by Kouli Khan. Since the con-

quest of Georgia by the Russians, it has been the residence of their governor and commander-in-chief, and has been greatly improved.

TEHRAUN, city, Persia. After being destroyed by the Afghans at the beginning of this century it was rebuilt by Kurreen Khan, and enlarged by Aga Mahommed, who made it the seat of government. In 1829, in consequence of a quarrel between the suite of M. Gribojedoff, minister of Russia, at the court of Persia, and the populace of Teheran, the whole of the embassy were murdered, with the exception of M. Matzoff, secretary of the legation, and three others.

TEIGNMOUTH, Devon, is a place of great antiquity, and is said to have been the first landing place of the Danes, in 787. It gives the title of baron to the family of Shore.

TEIGNMOUTH, LORD, author of the "Memoirs of the Life and Writings of Sir W. Jones," died 1834, aged 82.

TELEGRAPH, an instrument by means of which information may be quickly conveyed to a considerable distance. Amongst the Greeks some sort of telegraph was in use. In 1663 the marquis of Worcester, in his "Century of Inventions," affirms that he had discovered "a method, by which, at a window, as far as my eye can discover black from white, a man may hold discourse with his correspondent." About 40 years afterwards, M. Amontons proposed a new telegraph by means of signals. It was not, however, till the French revolution that the telegraph was applied generally to useful purposes. M. Chappe, in 1793, constructed a telegraph on principles nearly similar to that of Amontons. Two working models of this instrument were executed at Frankfort, and sent by Mr. W. Playfair to the Duke of York; and hence the plan and alphabet of the machine came to England in 1796.

The introduction of railways has created an additional use for telegraphic communications. The Pneumatic Telegraph for railways was invented by Mr. S. Crossley, in 1835, a model of which may be seen at the Polytechnic Institution.

Lieutenant Watson, of Liverpool, in 1839, contrived a telegraph, or means of indicating the state of the wind and barometer at Holyhead or Bidston. The

instrument consists of a large circle, 12 feet diameter, with the points of a compass marked thereon. It has two hands, like a clock, the longer one showing the point of the wind at Holyhead, the shorter one at the north-west light-ship, or Bidston. At the top of the mast is an iron rod, on which a ball works. When the ball is at the top of the rod, it indicates a light breeze; when in the middle, moderate; and when seen at the bottom, blowing very fresh.

TELESCOPES are of two general kinds—refracting and reflecting. A refracting telescope is constructed entirely by glasses, which serve to magnify the observed object. A reflecting telescope, besides glasses, has a metallic speculum within its tube, by which the rays proceeding from an object are reflected to the eye.

The first idea of a **REFRACTING TELESCOPE** is attributed to Bacon, who died in 1294. Leonard Digges, in 1571, by the assistance of one of Bacon's manuscripts, learned a method of discovering far distant objects, by means of perspective glasses set at due angles, and it is said invented the instrument. In 1609, Jansen, a spectacle maker, at Middleberg, constructed the first telescope 16 inches in length, and presented it to Prince Maurice of Nassau.

It was Galileo who first thought of adapting these instruments to astronomy, and with one of them, constructed by himself, observed the four satellites of Jupiter in Jan. 1610. The refracting telescope was first satisfactorily explained by Kepler, who died in 1630; he also pointed out methods of constructing telescopes of greater power and more convenient application than those that had been in use. Kepler's instrument is that which has been usually called the astronomical telescope. Father Reila afterwards introduced an important improvement in the astronomical telescope, by employing three eye-glasses instead of two. Comani's telescopes, made by order of Louis XIV. were respectively of 86, 100, and 136 feet focal length. It was with the two latter of these that Cassini discovered Saturn's first and second satellites, in March 1684.

One of the principal inconveniences complained of in the use of the refracting telescopes, was the different colours it exhibited to the eye, and the distortion of the image, owing to the different

degrees of refrangibility of the rays of light. At length, in 1758, Mr. John Dollond, of St Paul's Churchyard, succeeded in removing the difficulty. See **ACHROMATIC GLASSES**, and **OPTICS**.

A variety of other improvements has been made in the refracting telescope by Hadley, Euler, Ramsden, Fraunhofer, &c.

A new gigantic telescope was completed in 1833, at Munich, on Fraunhofer's principle, of 15 Paris feet focal distance, and an aperture of $10\frac{1}{2}$ inches. It magnifies far above 1000 times. Thus, when Saturn, at its smallest distance from the earth, is 165,000,000 of geographical miles distant, it seems, when magnified 816 times by this telescope, to have approached to the distance of 192,000 geographical miles; and the moon, at her smallest distance from the earth, seems, when magnified in the same manner, to have approached within 68 geographical miles.

THE REFLECTING TELESCOPE.—The idea was first suggested by Martin Merenne, an ingenious French mathematician and philosopher, and superior of the convent at Nevers, in 1651. Mr. James Gregory of Aberdeen, in his "Optica Promota," printed in 1663, first published an account of the manner of constructing a reflecting telescope. Sir Isaac Newton, about 1666, began to turn his thoughts to Mr. Gregory's invention, and early in 1672 had completed two small reflectors, one of which he presented to the Royal Society. The Newtonian reflector was, however, suffered to remain, till Hadley, the ingenious inventor of the quadrant, in 1723, presented to the Royal Society a telescope constructed upon Newton's plan. It was about six feet long, and equalled in performance the famous aerial telescope of Huygens, of 123 feet in length. Herschel's reflecting telescope erected at Slough, of which an account is given in the "Philosophical Transactions" for 1795, though of immense size, was far less efficient than many of inferior dimensions of more modern construction. Latterly, although no particular improvement has been effected in the principle, a greater approximation has been made to perfection in the different parts. See **SPECULUM**.

TELFORD, THOMAS, president of the Society of Civil Engineers, was born in the parish of Westerkirk, in the county of Dumfries, Scotland, in 1757.

In 1783 he proceeded to London, and was for some time employed at the great square of public offices at Somerset House. His works are numerous all over the island. The Menai and Conway bridges, the Caledonian canal, the St. Katharine's Docks, the Holyhead roads and bridges, the Highland roads and bridges, the Chirk and Pont-y-cisyle aqueducts, the canals in Salop, and other great works from 1788 to 1816, will immortalize his name. In 1817 loan commissioners were appointed to apply £1,750,000 towards carrying on public works. Mr. Telford was employed as their engineer; and he examined and reported on the works for which aid was requested. He also made several extensive surveys of the mail coach roads, by direction of the post-office. He died Sept. 2, 1834, aged 77.

TELL, WILLIAM, the illustrious Swiss patriot, was the chief instrument of the revolution which delivered the Swiss cantons from the German yoke in 1307 and 1308. See **SWITZERLAND**.

TEMESVAR, town, Hungary, at the confluence of the rivers Temes and Bega. In 1664, in the war between the Turks and the emperor of Germany, after the Turks had been defeated, the truce of Temesvar was concluded, on Sept. 7, for 20 years; the emperor ceding Great Waradein and Neuhäusel. Temesvar was taken by the Imperialists in 1716.

TEMPERANCE SOCIETIES first established in the United States of America, by the exertions and influence of the Rev. Dr. Becher, and other distinguished persons. The American Temperance Society was formed at Boston, in 1826, and since its formation more than 5000 similar societies have been formed throughout the Union.

The subject has attracted the attention of several of the states of Europe. In England, Ireland, and Scotland, total abstinence began soon after to be practised. The British and Foreign Temperance Society was established in London, about 1836. On Dec. 29, 1837, about 800 persons from the northern and western parishes of the metropolis drank tea together, at the Crown and Anchor Tavern, in commemoration of the establishment of the West London auxiliary branch of this new society. Similar societies or auxiliary branches were soon after established throughout the United Kingdom. 1838. In Ireland the system has been

particularly successful. In the spring of this year Father Mathew, a Roman Catholic priest of Limerick, commenced his efforts to reclaim from the destructive vice of drunkenness the poor of his locality in the southern quarter of this city; and a society was formed. In Oct. 1830 the number of signatures had arrived at considerably over 60,000. The great moral reformation spread in many parts of Ireland, but especially in the south. In Dublin and its vicinity the members of temperance societies exceeded 5000, the chief part of whom were heads of families. The Dublin Total Abstinence Society fitted up an excellent reading-room, well lighted with gas, and stored with all the cheap publications of the day, to which the members have access on paying one penny per week.

The advantages which would attend on similar movements in Scotland is apparent from the temperance statistics, taken from the parliamentary documents, as returned in the United Kingdom for 1837. From this document it appears that the quantity of spirits consumed in England is seven pints and one-ninth per head on the population; in Ireland 13 pints per head; and in Scotland rather more than 23 pints per head per annum.

TEMPLARS, KNIGHTS, or KNIGHTS OF THE TEMPLE, a religious order instituted at Jerusalem, in the beginning of the 12th century, for the defence of the holy sepulchre, and the protection of christian pilgrims. It was founded by Baldwin II., then king of Jerusalem, in 1118, with the concurrence of the pope. The order flourished for some time, and acquired riches and military renown, but their arrogance, luxury, and cruelty, rose at last to such a monstrous height, that their order was annihilated with the most terrible circumstances of infamy and severity. In 1307, upon an appointed day, all the knights were seized and imprisoned, and many of them put to death in the most cruel manner. In 1312 the whole order was suppressed by the council of Vienne, and in 1342 all that remained in France were destroyed.

TEMPLE OF JERUSALEM, finished by Solomon A.C. 1004; destroyed by Nebuchadnezzar 587; ordered to be rebuilt by Cyrus 536. Second temple finished, and the passover kept, 515; destroyed by Titus A.D. 70; attempted in vain to be re-built by Julian 363.

TEMPLE, inns of court in London, thus called, because anciently the dwelling house of the knights templars, and founded by them in 1185. The Temple church was built in 1240; the Middle Temple hall was built 1572. The three societies of the Inner, Middle, and Outer, founded 1560.

New Inner Temple regulations, relating to the admission of persons into the society of the Inner Temple, came into operation on July 10, 1829, tending to exclude from admission to the bar persons whose education and previous habits of life do not afford testimony of proper qualifications.

TEMPLE BAR built 1079; act for pulling down the houses without, and improving the street, June, 1795.

TEMPLE, SIR WILLIAM, miscellaneous writer, died Jan. 1699, aged 69.

TENBY castle, Pembrokeshire, built 1079.

TENIERS, DAVID, of Antwerp, an eminent painter, born 1582, died 1649.

TENNANT, SMITHSON, chemical professor, died by a fall from his horse at Boulogne, Feb. 22, 1815.

TENNANT, CHARLES, of Glasgow, the eminent practical chemist and patentee of chloride of lime for bleaching, died 1839.

TENNESSEE, state, North America, United States. The earliest settlements were made here in 1770, by emigrants from North Carolina and Virginia. This country was included in the limits of North Carolina till 1790, when it was placed under a separate territorial government, denominated the "the territory south of the Ohio," and in 1796, it was admitted to the union as an independent state.

TENTERDEN, LORD. See **ABBOTT**.

TENTHS. See **FIRST FRUITS**.

TERCEIRA, one of the Azores islands, north west of Africa, was for some time the refuge of the Portuguese patriots. In 1828 the island declared for the queen. In 1829 the Portuguese expedition, sent out from Lisbon against it was defeated Aug. 11; regency established here by Don Pedro, March, 1830.

TERENCE, the Roman comic poet, died A.C. 159.

TERNATE, island, Eastern Seas, one of the Moluccas, belonging to the Dutch. In the revolutionary war it was twice

captured by the British, but was ultimately restored at the peace of 1814.

TERPANDER, ancient musician, lived about A.C. 706.

TERRA DEL FUEGO, a large island, separated from the southern extremity of America by the Strait of Magellan, discovered by that navigator in 1521.

TERTULLIAN, author of the "Apology for Christianity," died 220.

TEST ACT. See **CORPORATION AND TEST ACTS.**

TESTAMENT, NEW. See **BIBLE.**

TEUTONES, an ancient people, seated beyond the Elbe, on the Sinus Codanus, or Baltic. The Teutones, in conjunction with the Cimbri and Ambrones, made war on the Romans, and marched towards Italy in A.C. 101. In Transalpine Gaul, they engaged the Roman consul Marius, but were defeated with incredible slaughter.

TEUTONIC ORDER, a military order of knights, established towards the close of the 12th century, consisting chiefly of Germans. The grand master resided at Marienburg. This order still exists, but is now little more than a shadow of what it formerly was.

TEWKESBURY, borough, Gloucestershire, is a place of great antiquity. In 715 a monastery was founded here, which subsequently became an abbey of Benedictine monks, and continued to flourish till the dissolution. In 1471 the last decisive battle between the Yorkists and Lancastrians was fought within half a mile of this town. Tewkesbury was alternately occupied by parliamentarians and royalists; in 1644 it was taken by the former.

TEXAS, territory, Central America, formerly belonging to Mexico, but which has recently thrown off its connection with that republic. In 1824, when the Mexican republic was divided into states, the district of Texas not being sufficiently populous to form a state, was attached provisionally to Coahuila. It soon increased in population from the United States, and in 1833 sent a delegate to the general congress with a petition to be admitted into the Union; but this was refused by Mexico.

The constitutional general congress of Mexico was dissolved in May, 1834, by a military order of the president, before the constitutional term expired; a new revolutionary congress was convened in January, 1835, and speedily established

a new constitution, by which the separate state governments were annihilated. The people of Texas, offended by this decision, refused to pay taxes, expelled the custom-house officers, and set the laws of Mexico at defiance. On Nov. 7, the Texians issued a declaration, in which they assumed the character of an independent people, and endeavoured, by loans, and assistance of men and arms from the United States, to maintain what they called their rights. Battles, sieges, skirmishes, and all the ordinary horrors of warfare followed, and at length Texas assumed the form of independence, and established a provincial government.

1838. The newly formed government established by one of their first legislative acts, the continuance of slavery, though it had been abolished by the Mexican government; and enacted, as a part of their constitutional law, that slaves should be admitted into Texas only from the United States. In consequence of this, strenuous efforts were made at the session of congress to carry the annexation of that country to the republic of the United States.

1839. The continuance of slavery and the slave trade, as sanctioned by the law of Texas, produced a great sensation among the friends of humanity in England. It has been stated that the slave-breeding states in America employ Texas as a slave market, to which they can send their surplus population for sale. The magnitude of the evil appears from the fact that the number of slaves exported from Virginia to Texas within twelve months is estimated at 120,000—each slave averaging at least 600 dollars, making an aggregate of 72,000,000 dollars.

1841. Notwithstanding these facts Texas has been acknowledged by England, France, Holland and Belgium. The treaty between France and Texas was signed at Paris, Sept. 25, 1839, that with England Nov. 16, 1840.

TEXEL, island, kingdom of Belgium, at the entrance of the Zuyder Zee. Near the Texel Admiral Blake defeated the Dutch in 1653. After an encounter near the Texel in 1799 between the British and Dutch, the latter surrendered.

THALES, a celebrated philosopher, and the first of the seven sages of Greece, was born at Miletus, about A.C. 640. In order to improve himself in the knowledge of the sciences, he travelled into Egypt, where he discoursed with the

priests and other learned men. He composed several treatises in verse on Meteors, and the Equinoxes, but they are all lost. He died A.C. 572.

THAMES TUNNEL. This bold attempt to effect a communication between the shores of a wide and deep river, without any interruption to its navigation, has had no parallel for many ages. In 1823 Mr. Brunel completed a design for the execution of the tunnel beneath the river Thames; and a bill to incorporate a company for the execution of this proposition under his superintendence received the royal assent, June 24, 1824.

In 1825 the shaft was begun, which was necessary to be sunk on the Rotherhithe shore, in order to get down to the level of the intended works at that end of the tunnel. In December 1825 the first horizontal excavation commenced. On March 2, 1827, it had advanced 470 feet, or about one third of the whole length. But on May 18, at a distance of 544 feet from the shaft, the river found its way through a portion of loose earth, and entered the tunnel. This happened while the workmen were at their duties, but no lives were lost. About 1000 tons of loose soil and rubbish descended into the tunnel. The breach was examined by means of the diving bell, and repaired by depositing about 1500 cubic yards of clay in bags in and around it. The tunnel was again opened for public inspection, May 1828; the water having been entirely withdrawn from the shaft, and from the southern end of the tunnel.

Difficulties having arisen on account of increased expense, at a meeting of the shareholders, held at the City of London Tavern, 1835, it was announced that government had placed in the hands of the directors £247,000 in exchequer bills, advanced on the security of the property.

In 1837 another irruption of the river took place in these works; the tunnel was entirely filled, but no lives were lost. The only injury done was a suspension of the works. The following is a statement of the rate of the progress of the tunnel. In 1836 there were 117 feet completed; in 1837 only 28 feet; in 1838 80 feet; in 1839 194 feet; and from Jan. 1, to March 1, 1840, had been completed 76 feet,—being at the rate of 460 feet per annum; and the tunnel was then completed to within 60 feet of the Wapping shore. Meanwhile, the public

curiosity to inspect the tunnel increased with the progress of the works: in 1838 it was visited by 23,000 persons, and in 1839 by 34,000 persons,—being an increase of 35 per cent.

1840. The works have now been in progress 16 years; the total sum expended, including the money advanced by government, £363,000, and the tunnel will be altogether completed for less than £500,000. It is calculated that one archway will be shortly opened.

THEATRE OF BACCHUS at Athens, the first ever erected, built by Philos, A.C. 420; the ruins still exist. The first royal licence for one in England was in 1574, to James Burbage and four others, servants to the earl of Leicester, to act plays at the Globe, Bankside, or in any part of England. Plays were opposed by the Puritans, 1633, and suspended till 1660, when Charles II. licensed two companies, Killigrew's and Davenant's; the first at the Bull, Vere-street, Claremarket, which in a year or two was removed to Drury-lane. See **DRURY-LANE THEATRE**. See also **DRAMA**.

THEBES, a celebrated city of ancient Greece, supposed to have been built by Cadmus, about A.C. 2555. It was destroyed by Alexander, when he left only Pindar the poet's house standing, A.C. 335. Few vestiges of the ancient city remain above ground, but the walls may still be traced. It is now called Thiva. The modern town occupies little more than the site of the acropolis.

THEBES, the remains of an ancient city, formerly the capital of Egypt. In proportion as Egypt was modernized, her capital was transferred nearer to the Delta and the Mediterranean. At the time of the Persian invasion, Memphis a little above Cairo, had supplanted Thebes, and the Ptolemies, about the 2d century, A.C., transported the seat of the empire to Alexandria. In the reign of Ptolemy Philopater, Thebes revolted, and being taken after a siege of three years, was plundered and ransacked, and from that time its importance as a city was destroyed.

Thebes still presents some remarkable remains of antiquity; temples and other monuments were explored about the commencement of the present century by Denon and others. M. Belzoni, about 1816, succeeded in opening several of the tombs of the kings hitherto inaccessible.

THELWELL, JOHN, tried and acquitted for high treason, 1794, died Feb. 17, 1834, aged 70.

THEMISTOCLES, the renowned Athenian general, who gained the battle of Salamis. Being banished his country he slew himself, A.C. 464.

THEOBALD, LEWIS, an English dramatic writer, died 1742.

THEOCRITUS, the Greek pastoral poet, flourished A.C. 285.

THEODORE NEWHOFF, king of Corsica, abdicated his kingdom (to which he had been by intrigue elected in 1736) 1737. Liberated by an insolvent act 1756, and died in an obscure lodging in Soho, London, in the same year.

THEOPHRASTUS, a celebrated Grecian philosopher, was born about A.C. 371. He succeeded Aristotle in the peripatetic school, and conducted the charge with such high reputation, that he had about 2000 scholars. He was the author of many valuable works, but few of which are extant. He died at the advanced age of 85.

THERMOMETER. Very imperfect ones were invented, according to Italian writers, by Santorio; according to Dutch writers, by Drebbel, before 1626. The thermometers in most general use are Fahrenheit's, Reaumur's, and Celsius's. Fahrenheit's is used in Britain, Reaumur's in France, and Celsius's in Sweden. Fahrenheit's was invented in 1730. The scale called Reaumur's soon after 1730; his mode of construction, by substituting quicksilver for spirits, several years after. The Centigrade, by Celsius, 1742. Wedgwood's thermometer, for very high degrees of temperature, invented about 1750, marks with much precision the different degrees of ignition from a dull red heat visible in the dark, to the heat of an air-furnace. In the prosecution of delicate experiments the Differential Thermometer, recently invented by Sir John Leslie, and described in his "Experimental Inquiry into the Nature of Heat," may be advantageously used.

THERMOPYLÆ, a narrow pass or defile, celebrated in Grecian history, ennobled by the brave stand made by Leonidas and 300 Spartans against the whole army of Persia, A.C. 480.

THESEUS'S TEMPLE, at Athens, built A.C. 428.

THESPIS, the poet, inventor of tragedy, flourished about A.C. 539.

THETFORD, Norfolk, is a place of great antiquity. It was burnt by the Danes 1010. In the reign of Edward III. it contained 24 principal streets, five market places, 20 churches, eight monasteries, and six hospitals.

THEVENOT, MELCHISEDEC, the French traveller, died 1692.

THIBET. See **TIBET**.

THISTLE, a military order of knighthood in Scotland, instituted 1540. About the time of the Reformation this order was dropped, till James II., of Great Britain, resumed it by creating eight knights. The Revolution unsettled it again; and it lay neglected till Queen Anne, in 1703, restored it to the primitive design of twelve knights of St. Andrew.

THISTLEWOOD, WATSON, PRESTON, and **HOOPER**, tried for high treason and acquitted, June 9, 1817. Thistlewood was afterwards hanged among the Cato-street conspirators, 1820. See **CATO-STREET**, p. 225.

THOMAS, MRS., daughter of Mr. Parkhurst, author of the Greek and Hebrew Lexicons, the new edition of which, since her father's death, she edited, died 1831.

THOMAS, ST. the principal of the Virgin Isles, West Indies, belonging to the Danes. In 1801 it was taken by the British. It was given up at the peace of Amiens, but was again taken in the course of the subsequent war, and was restored to Denmark at the peace of Paris in 1814.

THOMAS'S, ST. Hospital, Southwark, founded 1553.

THOMSON, JAMES, a celebrated British poet, was born in the shire of Roxburgh, Scotland, in 1700, and was educated in the university of Edinburgh. Early in life he repaired to London. He published his poem on Winter in 1726, and from the universal applause it met with, Mr. Thomson's acquaintance was courted by people of the first taste and fashion. The expectations which his "Winter" had raised were fully satisfied by the successive publication of the other seasons; of "Summer," in the year 1727; "Spring," in the following year; and of "Autumn," in a quarto edition of his works, in 1730. Besides the Seasons, and his tragedy of Sophonisba, written and acted with applause in 1729, he had, in 1727, published his poem to the memory of Sir Isaac Newton, with an account of

his chief discoveries. At the death of his patron, the honourable Charles Talbot, he was reduced to a state of a precarious dependence; but the prince of Wales settled on him a handsome allowance, and honoured him with many marks of particular favour. His poem, entitled "The Castle of Indolence," was his last work, published before his death, which took place August 27, 1748.

THORLACKEN, the Icelandic poet, translator of "Paradise Lost," died 1820.

THORN, a town of Prussia. In 1806 it suffered from the invasion of the French, and remained in their hands until the retreat from Moscow in 1812.

THORNHILL, SIR JAMES, an eminent painter, born 1676, died 1734.

THORPE, JOHN, antiquarian, died August 2, 1792, aged 78.

THOU, J. A. DE, author of the "History of France," born 1553, died 1617.

THREATENING LETTERS made punishable by act passed 1730.

THUCYDIDES, the celebrated Greek historian, was born at Athens A.C. 471. During the Peloponnesian war he was commissioned by his countrymen to relieve Amphipolis; but the Lacedæmonian general defeated his operations; and Thucydides, unsuccessful in his expedition, was banished from Athens. In the eighth year of this war, he began to write an impartial history of the events which happened. His history is continued to the 21st year of the war, and is divided into eight books. He died at Athens, where he had been recalled from exile about A.C. 411.

THURLOW, LORD CHANCELLOR, died Sept. 21, 1806, aged 71.

THURLOW, EDWARD, second lord, who succeeded his uncle in 1806, wrote and published a large quantity of poetry. He died June 4, 1829, aged 47.

TIBERIUS, CLAUDIUS DRUSUS NERO, the Roman emperor, born A.C. 34, died A.D. 37.

TIBET, or **THIBET**, country, Asia, north of the Himalaya mountains. In 1720 the emperor of China acquired the sovereignty of Tibet, which continued in a tranquil condition until 1790, when the Gorkhas of Nepal invaded it, but were repulsed with great loss, and Tibet has ever since continued subject to China.

TIBULLUS, the author of "Elegies," died A.C. 17.

TICKELL, RICHARD, wit and poet, killed himself, 1793.

TICKELL, THOMAS, English poet, died 1740.

TIDES, periodical and alternate motions of the waters of the ocean; called also the flux and reflux, or the ebb and flow. Some of the ancients suspected that the sun and moon might influence the tides; as Pliny A.D. 70, Ptolemy 140, and Macrobius 415. Kepler, at the beginning of the 17th century, says, "If the earth ceased to attract its waters towards itself, all the water in the ocean would rise and flow into the moon." Galileo and Des Cartes, who lived in the time of Kepler, expressed themselves on this subject in a manner equally philosophical; but for a development of the theory we are indebted to Sir Isaac Newton in 1687. He saw that the moon is the principal agent which produces these regularly alternate motions of the waters; and by means of his new principles of gravitation and geometry, he was soon able to show, generally, the manner in which they are effected. But difficulties still attended some of the phenomena of tides which have recently undergone investigation.

1839. Mr. Walker, Assistant Master-Attendant in H. M. dockyard, Devonport, (who has long devoted much time to tidal phenomena,) has made valuable observations on oceanic shores, such as those of a large part of Cornwall and Devon. Professor Whewell also communicated to the Royal Society his researches "on the laws of low water at the port of Plymouth, and on the permanency of mean water, &c.," and reports have been made to the British Association, "on tides." On Nov. 11, Professor Whewell explained to the Cambridge Philosophical Society his new theory of the tides, which, is as follows: The tide of each large ocean may be considered as nearly independent of the tides of other waters. The central area of each ocean is occupied by a lunar wave, which oscillates, keeping time with the moon's returns, and having its motion kept up by the moon's attraction acting at each return. From the skirts of this oscillating central area, tides are carried on all sides by free waves, the velocity of which depends upon the depth and local circumstances of the sea; and thus the littoral tides may travel in any direction, while the oceanic tides near the centre of the oscillating area may be small, or may vanish altogether. This theory was confirmed by a reference to tide observations

on the eastern and western sides of the Pacific, and by mathematical calculations, tending to show that such a motion is mechanically possible.

TILBURY, parish, Essex. Tilbury Fort built in 1545, stands close to the banks of the Thames; it was originally a block-house, erected in the reign of Henry VIII.; but, after the memorable attack of the Dutch fleet in 1667, it was converted into a regular fortification, to which considerable additions have since been made.

TILLOCH, DR. ALEXANDER, late editor of the "Philosophical Magazine," was born at Glasgow, Feb. 28, 1759. In early life he took an important part in the invention of stereotype printing, and, either singly or in partnership, carried on that trade for some time in his native city. In 1787 Dr. T. came to the British metropolis, and in 1789, in connection with others, he purchased the "Star," a daily evening paper, of which he became the editor, and continued so until within a short time of his death. The first number of the "Philosophical Magazine" appeared in June 1797; from which time it was continued without interruption. After a life spent in literary activity, Dr. Tilloch closed his career, at Islington, Jan. 25, 1825, in his 66th year.

TILLOTSON, JOHN, a celebrated archbishop of the English church, was born at Halifax, in Yorkshire, in 1630. In 1666 he took the degree of doctor of divinity at Cambridge; in 1669 was made prebendary of Canterbury; in 1672 was admitted dean of that cathedral; and three years after was made a prebendary of St. Paul's cathedral, London. In 1683 he visited the unfortunate Lord Russel when under condemnation; and attended him in his last moments on the scaffold. In 1689 he was installed dean of St. Paul's, and made clerk of the closet to King William and Queen Mary. In 1691 he was consecrated archbishop of Canterbury, and sworn one of the privy council. In 1694 he was seized with a palsy, of which he died, in the 65th year of his age. After his death there was found a bundle of bitter libels which had been published against him, on which he had written with his own hand, "I forgive the authors of these books, and pray God that he may forgive them too."

TILSIT, town, Prussia. The memo-

orable treaty of peace was concluded here in 1807 between France and Prussia, which unfortunately threw the weight of Russian influence for several years into the scale of Buonaparte.

TIMBUCTOO, or **TOMBUCTOO**, city, Central Africa, has for many centuries been the emporium of the interior trade of that continent, but till lately has been little known. It is said to have been founded, in 1215, by a king called Mense Suleiman. Under his successor, named Izchia, Timbuctoo extended its dominions over all the neighbouring states, and acquired that commercial prosperity for which it has been distinguished. The first European traveller who succeeded in penetrating to Timbuctoo was the unfortunate Major Laing, who reached that city in 1826, and resided there for two months, but was assassinated on his homeward route through the desert. An enterprising Frenchman, M. Caillé, April 20, 1828, arrived at Timbuctoo, and remained till May 4. The Geographical Society of Paris conferred on this traveller the well-earned prize offered to the first person who should arrive at Timbuctoo from Senegambia.

TIMOUR. See **TAMERLANE**.

TIN TRADE. The mines of Cornwall have been worked from a very remote era. The voyages of the Phœnicians to the Cassiterides, or Tin Islands, mentioned by Herodotus, are supposed to have been to the Scilly Islands, and the western extremity of Cornwall. After the destruction of Carthage, the British tin trade was carried on by the merchants of Marseilles, and subsequently by the Romans. Besides Britain, Spain furnished the ancients with considerable quantities of tin.

In modern times, the tin mines of Cornwall and Devon have been wrought with various degrees of energy and success. Queen Elizabeth brought over some German miners, by whom some of the processes were improved. During the civil wars, the mines were much neglected. At the commencement of last century, however, the business of mining was carried on with renewed vigour; and from 1720 to 1740, the annual produce was about 2100 tons. The produce has gone on gradually increasing to the present time, with very few exceptions. The present average produce is estimated at 4500 tons a year.

Tin is found in several provinces of

China; but the most extensive, and, probably, richest tin district in the world, exists in the Malay countries. In the beginning of last century, the mines of the island of Banca, the most productive at present worked, were accidentally discovered. The mining operations of Banca have long been conducted upon a larger scale, and with more skill, than in any other of the Malay countries.

TINIAN, one of the Ladrone islands, in the North Pacific ocean, first discovered by the crew of a Manilla ship, which was cast away here in 1638. Commodore Byron visited it in 1765, but he found the trees and underwood so thick, that in endeavouring to force a passage through, they were entangled and cut, as if with whipcord. Tinian was also visited in 1767 by Captain Wallis; in 1787 by Captain Portlock; in 1788 by Captain Sever; and afterwards by other navigators, all of whom confirm the account given of it by Commodore Byron.

TIN-PLATE WORKERS' COMPANY, London, incorporated 1670.

TINTERN PARVA, Monmouthshire, celebrated for the remains of Tintern Abbey, the property of the Duke of Beaufort. It was founded in 1131, as a convent for Cistercian monks; and the ruins of its church present some beautiful specimens of Gothic architecture. These ruins stand on the western bank of the river Wye, five miles north of Chepstow.

TIPPOO SAIB, sultan of Mysore, born 1749, died 1799. See **MYSORE**.

TIRABOSCHI, author of the "History of Italian Literature," died 1794.

TITHES, the tenth part of the increase, yearly arising and renewing from the profits of lands, the stock upon lands, and the personal industry of the inhabitants. The first mention of them in any written English law, is a constitutional decree, made in a synod held A.D. 786, wherein the payment of tithes in general is strongly enjoined. They were first granted for the maintenance of the clergy, 894; established legally by the Lateran council, 1200.

It has long been acknowledged, that the payment of tithes in kind is a great discouragement to agriculture. This subject has, therefore, during the present century, been frequently brought before parliament. 6 and 7 Will. IV. c. 71. August 13, 1836, an act for the commu-

tation of tithes in England and Wales, empowers the secretary of state to appoint two, and the archbishop of Canterbury one, of a board to be called the "Tithe Commissioners for England and Wales." This act is amended by 1 Vict. c. 69; 1 and 2 Vict. c. 64, and 2 and 3 Victoria, c. 62, Aug. 17, 1839; and 3 Vict. c. 15, June 4, 1840. These acts together comprise the present state of the tithe law in England.

In regard to **IRELAND** a greater difficulty has long existed. The statute 2 Will. IV. c. 41, June 1, 1832, reciting that a combination against the payment of tithes had, for some time, existed in certain parts of Ireland, authorises the lord-lieutenant to advance £60,000 for the purposes of this act, for one year, and defines the mode of its appropriation. It also makes special enactments for vindicating the authority of the law.

It being found impossible to enforce these enactments, and enormous arrears having accumulated, the subject was again brought before parliament in 1834 and following years. At length the Irish tithe composition act passed, 1 and 2 Victoria, c. 109, Aug. 15, 1838, which abolishes compositions for tithes in Ireland, and substitutes rent-charges, payable by persons having a perpetual interest in the lands subject thereto, &c. This act is amended by 3 Victoria, c. 13, May 19, 1840.

TITIAN, **TITIANO VECELLI**, a celebrated Italian painter, was born at Cadore, Venice, in 1477, or in 1480, according to Vasari and Sandrart. He studied with Giorgione, and learned his method of blending and uniting the colours. The reputation of Titian rose continually; every new work contributed to extend his fame through all Europe; and he was considered as the principal ornament of the age in which he flourished. The variety of works executed by this illustrious artist, at Rome, Venice, Bologna, and Florence, as well as those which are to be seen in other cities of Italy, in England, Spain, Germany, and France, illustrate his fame. His finest performances are, a Last Supper, preserved in the refectory at the Escorial in Spain, and Christ crowned with Thorns, at Milan. He died of the plague 1576, at 99 years of age.

TITLES, as an appellation of dignity or rank given to princes and persons of distinction, was not so common among

the ancient Greeks or Romans as they are in modern times. Till the reign of Constantine the title of Illustrious was never given except to those who were distinguished in arms or letters; but at length it became hereditary in the families of princes. Henry IV. had the title of "Grace" conferred on him; Henry VI. that of "Excellent Grace;" Edward IV. that of "High and Mighty Prince;" Henry VII., "Highness." Henry VIII. first assumed the title of "Highness," and afterwards that of "Majesty." The title of majesty was first given him by Francis I. in their interview in 1520. Charles V. was the first king of Spain who assumed the same title.

TITUS VESPASIANUS, the Roman emperor, the son of Vespasian, was born A.D. 40; took Jerusalem in 70. He was a great lover of learning, and composed several poems. Domitian, his brother, poisoned him in 81, aged 41.

TIVERTON, Devonshire, is a place of considerable antiquity, and was considered, in 1612, the chief woollen manufacture in the west of England; but the introduction of Norwich stuffs, in 1745, occasioned its decline.

TLAXCALLA, or **TLASCALLA**, republic, Mexico, was formerly a kingdom, the inhabitants of which, at the invasion by Cortes, were the enemies of Mexico. After the conquest, Cortes obtained a grant of this kingdom from Charles VI., and it was consequently exempt from duties to the crown of Spain.

TOBACCO, the dried leaves of the *nicotiana tabacum*, a plant indigenous to America, but which succeeds very well, and is extensively cultivated in most parts of the Old World. Its introduction into Europe dates only from the early part of the 16th century. Seeds of the plant were sent, in 1560, from Portugal, to Catherine de' Medici, by Jean Nicot, the French ambassador in that country, from whom it has received its botanical name. It was first introduced into England by the settlers who returned, in 1586, from the colony which it had been attempted to found in Virginia, under the auspices of Sir Walter Raleigh. But it made its greatest progress in this country after the foundation of the colony at James Town in Virginia in 1607. James I. attempted, by repeated proclamations and publications, some of them couched in very strong terms, to restrain the use of tobacco.

During the earlier part of the reign of Charles I., the trade was monopolised by the crown. This was not, however, of long continuance, and totally ceased at the breaking out of the civil war.

In 1643 the Lords and Commons imposed a moderate duty, which, it was supposed, would occasion its culture to be abandoned; but, in 1652, an act was passed, prohibiting the growth of tobacco in England, and appointing commissioners to see its provisions carried into effect. This act was confirmed at the Restoration, by the statute Charles II. c. 34, which ordered that all tobacco plantations should be destroyed. This did not, however, extend to Ireland; and, of late years, the cultivation of tobacco made considerable progress in that country.

Tobacco was first subject to the excise laws in 1789. It appears from the official account, that the consumption of duty-paid tobacco in Great Britain has increased from about 8,000,000 lbs. in 1789, to 16,214,000 lbs. in 1833; the duty has fluctuated during the same period from 1s. 3d. to 4s. and 3s. per lb. The excise regulations on tobacco underwent a change in 1840; 3 and 4 Vict. c. 18, July 3, discontinues the excise survey on tobacco, and provides other regulations in lieu thereof. By this statute nine previous acts are repealed wholly or in part.

Tobacco is extensively cultivated in Mexico, but only for home consumption. Under the Spanish government, the tobacco monopoly was established in 1764. Previously to 1820 the cultivation and sale of tobacco were subjected to the same sort of monopoly in Cuba as in Mexico; but, at that period, the trade was thrown open. In 1828 the declared value of the tobacco exported from Cuba amounted to 868,000 dollars. At present, the total real value of the exports of tobacco from Havannah, and other ports, is nearly 2,000,000 dollars.

TOBACCO PIPE MAKERS' COMPANY, London, incorporated 1663.

TOBAGO, island, West Indies, the most southern of the Caribbee islands, was discovered by Columbus in 1498. It was taken by the English from the Dutch, 1672; retaken by them, 1674. Taken by the French June 2, 1781, and retaken by the English, 1793; again, June 30, 1803, and confirmed to them by the treaty of Paris in 1814.

TOD, **LIEUT-COLONEL JAMES**, the

annalist of Rajpootana. To him belongs the praise of having set one of the first examples of the study of Indo-Grecian antiquities, which is now prosecuted with so much diligence and success in India. His disquisition on Greek, Parthian, and Hindoo medals, is a monument of learned investigation, which has merited the applause of scholars. He for some time officiated as librarian of the Royal Asiatic Society. He died November 17, 1835, aged 53.

TOKAY, town, Hungary, owes the superiority of its wines partly to the climate, partly to the care taken in the selection of the grapes, and in the preparation of the wine. The vineyards were destroyed by a hail-storm, 1808.

TOLEDO, city, Spain, is a place of antiquity, and was successively governed by Goths, Moors, and kings of Castile. It was formerly the seat of several meetings of the Cortes, and of a number of church-councils. The university, formerly in repute, was suppressed in 1807.

TOLENTINO, town, States of the Church, is remarkable for a treaty of peace concluded between Buonaparte and the papal court in 1797, and for some actions between the Austrians and Neapolitans in 1815.

TOLL, a tax or custom paid for the passage through rivers, roads, &c., was first paid by vessels passing Stade on the Elbe, 1190; was first demanded by the Danes of vessels passing the Sound, 1341. The first appointment of a toll on highways took place in 1346, for repairing the highways of Holborn, Gray's-inn-lane, and St. Martin's-lane. Toll-gates, or turnpikes, were used first in England 1663. By 1 and 2 Will. IV. c. 25, Sept. 22d, 1831, cattle going to and from pasture, and from being farried, are exempted from turnpike tolls, except at gates within six miles from London.

TOLSON, RICHARD, lieutenant-general in the army, born at Tilbury Fort, Oct. 1746, was a celebrated officer of his day, having served at the battles of Pondicherry, Oct. 1778, and was wounded; Bangalore, in 1791, and wounded; Seringapatam, in 1791 and 1792; Malacca, Aug. 17, 1795; afterwards governor of it. He died June 12, 1815.

TOMBUCTOO. See **TIMBUCTOO**.

TOMLINE, GEORGE, prelate and writer, born 1750, died 1787.

TOMPION, THOMAS, eminent English watch-maker, died 1669.

TONE, THEODORE WOLFE, distinguished in the history of the civil war in Ireland, was born in Dublin, in 1763. In 1787 he entered his name in the books of the Middle Temple, and as soon as his terms were completed was called to the bar. During the Irish rebellion he wrote the declaration of the first club of United Irishmen; became an active partisan of the Catholic committee in Dublin; and was a principal pamphleteer, messenger, and negotiator, in every turbulent scene that occurred in that dismal period. In 1794 he was involved in the treason of Jackson and Hamilton Rowan, in consequence of which he embarked for the United States in 1795. He was the projector of the French expeditions of Hoche and Humbert to Ireland, and was taken after a desperate resistance, by a squadron under Sir John Borlase Warren. Finding that he was ordered for execution he inflicted on himself a mortal wound in the gaol of Dublin in 1796.

TONGATABOO, island, South Pacific ocean, the largest of the Friendly islands, was discovered by Tasman, the Dutch navigator, in 1643. It has since been visited by Cook in 1773; in 1777, by Perouse; and by the missionary ship "Duff," in 1797. Several missionaries were left on the island, but they were in danger of their lives in the wars which broke out. Three of them were murdered at the instigation, it is said, of a felon who had escaped from Botany Bay. Capt. Waldegrave, R.N., recently visited this island, and Mr. Williams the missionary, in 1833; when a great improvement had taken place. Since the murder of the missionaries, others have been established on the island, who have succeeded in instructing and civilizing the inhabitants.

TONNAGE AND POUNDAGE granted to the kings of England for life, 1465.

TONQUIN. See **TUNQUIN**.

TONTINE, a species of increasing annuity, on which money is borrowed, either for the service of the state, or for erecting public works. The first attempt to raise money for the public service on this kind of interest, was in 1693. It did not succeed, only £108,100 being advanced out of a million intended to be raised. In 1757, an attempt was made to raise a loan by a tontine scheme; and in 1765, a tontine formed part of a project for funding navy and victualling bills; but these

plans were unsuccessful, and the tontine formed in 1789, which was the last attempt to raise a public loan in this way, experienced a similar fate.

TOOKE, JOHN HORNE, author of "Epea Terventa, or Diversions of Purley," born 1736, died March 18, 1812.

TOPLADY, AUG. M., an eminent divine, born 1740, died 1778.

TORIES, a political faction in Britain, opposed to the Whigs. The name of Tories was first given to a sort of banditti in Ireland, and was thence transferred to the adherents of Charles I. by his enemies, under the pretence that he favoured the rebels of Ireland. The Tories, or cavaliers, as they were also called, had then principally in view the political interest of the king, the crown, and the church of England; and the round-heads, or Whigs, proposed chiefly the maintaining of the rights and interests of the people, and of Protestantism. But the names Whig and Tory were but little known till about the middle of the reign of King Charles II. in 1678, when the whole nation was first observed to be divided into Whigs and Tories, on occasion of the famous deposition of Titus Oates: the appellation of Whig was given to such as believed the plot real; and Tory to those who held it fictitious. See **BRITAIN**, p. 143. The terms have been continued to the present day to designate the two great political parties into which this country is divided.

TORONTO, capital of Upper Canada. York, the former name was recently changed to the original Indian name of the place, Toronto. It contains the principal buildings and public offices of the province. York (now Toronto) was twice captured by the Americans in April and August 1813; and it became the scene of conflict during the civil war in Canada, having been taken and re-taken in Dec. 1837.

TORRICELLI, EVANGELISTE, an illustrious Italian mathematician and philosopher, born at Faenza, in 1608. He composed a treatise on motion, which brought him acquainted with Galileo. He greatly improved the art of making telescopes and microscopes, but he is best known for finding out a method of ascertaining the weight of the atmosphere by quicksilver, in 1642. He published "Opera Geometrica," 4to., 1644; and died in 1647.

TORTOISESHELL is extensively

used in the manufacture of combs, snuff-boxes, &c., and in inlaying and other ornamental work. Before the opening of the British intercourse with India, the greater part of the tortoiseshell which eventually found its way to Europe was first carried to Canton. It is still an article of trade from that city; the value of the tortoiseshell exported by British ships, in 1831 and 1832, amounted to 19,017 dollars. At present, however, Singapore is the chief mart, the exports from it in 1831 and 1832, having amounted at an average to 208 piculs.

TORTONA, town, kingdom of Sardinia, was a place of considerable strength until dismantled by the French 1799.

TORTOSA, town, Spain. It was called by the Romans, Dordosa. The garrison surrendered to the French, Jan. 1, 1811.

TORTURE, as inflicted on persons to force them to confess the crimes laid to their charge, by the law of England, was at one period employed; but has been abolished in most civilized countries. In Sweden, by order of the king, 1786; in Poland 1776; in France, by edict, Aug. 25, 1780.

TOULON, a fortified city and seaport of France, capital of the department of Var, has long been the scene of naval expeditions. In 1706 it was bombarded by the allies, both by land and sea, by which almost the whole town was reduced to a heap of ruins. In 1721 it experienced the dreadful ravages of a pestilence. In 1793 it capitulated, in the name of Louis XVII. to the British, who, not finding the place tenable, evacuated it the same year, after having destroyed the arsenal, &c. The city signed an act of submission to Louis XVIII., July 23, 1815.

TOULOUSE, a city of France, capital of the department of Upper Garonne, the most considerable city in France, next to Paris and Lyons. It was the capital of the Tectosages, who made many conquests in Asia and Greece. It was next a Roman colony, and afterwards the capital of the Visigoths, who destroyed the superb amphitheatre, of which there are still some remains, and other Roman monuments. It was taken by the allies in 1814, after an obstinate battle fought between the British under Lord Wellington, and the French under Soult. The British were successful, but suffered severely.

TOURNAMENT, or **TOURNEY**, a martial sport or exercise which the ancient cavaliers used to perform, to show their bravery and address. It is said that they were instituted by Henry, Emperor of Germany, in 919. Instances of them occur among the English in the reign of King Stephen, about 1140; but they were not much in use till Richard I.'s time, towards the year 1189, after which period these diversions were performed with extraordinary magnificence in the tiltyard near St. James's, Smithfield, and other places. They made the principal diversion of the 13th and 14th centuries. At length, however, they were found to be often productive of fatal effects, which gave the popes occasion to forbid them, and, as the age of chivalry gradually passed away, the princes of Europe concurred in discouraging and suppressing them. An attempt to revive them has been recently made. See **CHIVALRY**.

TOURNAY, town, kingdom of Belgium, province of Hainault, on the river Scheldt, the Civitas Nerviorum of the Romans. It was taken in 1792 by the French, who were obliged to abandon it in 1793, but re-entered it again, on the conquest of Flanders, in 1794; they however delivered it up to the allies in 1814.

TOURNFORT, **JOSEPH**, botanist, born 1656, died 1708.

TOURS, town, France, department of Indre, was the scene of the repulse of the Saracens, by Charles Martel, in 732; and in subsequent ages, its castle, built on a rock, served more than once as a place of refuge for the royal family in times of commotion. Near the city is Plessis-les-Tours, a palace, built by the profligate and superstitious Louis XI., who died here in 1483.

TOWER OF LONDON, built 1078; walled in 1099.

TOWER OF THE WINDS, at Athens, built A.C. 550.

TOWER, LEANING, at Pisa, built 1174.

TOWNLEY, **CHARLES**, whose noble collection of sculpture, known as the Townley, in the British Museum, died 1805.

TOWNSEND, **JOSEPH**, divine and writer, and founder of the Deaf and Dumb Asylum, died 1816. See **DEAF AND DUMB**.

TOWNSHEND, **LORD JOHN**, a states-

man and privy councillor, was educated at Eton; and afterwards at Cambridge. In 1780 he was elected one of the representatives of that university in parliament. His adherence to the party of Mr. Fox lost him his seat at the general election of 1784. In Feb. 1806 his lordship was appointed joint paymaster-general of the army, and a lord of trade and plantations; and was sworn a privy councillor. He retired from those offices early in the following year. He died Feb. 25, 1833, aged 76.

TRADES' UNIONS, societies of artisans formed in London and other large towns in 1833; the ostensible object of which was to keep a check on their employers. The persons who conducted these proceedings in London, were to give notice to those in the country, who were to act upon their instructions. Every person, on becoming a member, bound himself by an oath, administered in the most solemn manner, not to disclose anything which might take place among them.

In March 1834, 3000 workmen in the woollen manufacture struck at Leeds, in consequence of the determination of the masters to employ only those who would relinquish the trades' union. April 21 a large body of trades' unionists, estimated at about 30,000, assembled at Copenhagen Fields, London, and marched thence in procession to Whitehall, to deliver to the secretary of state a petition to the king, said to be signed by 266,000 persons, in behalf of the Dorchester convicts. Lord Melbourne declined to receive a petition so delivered; and the multitude quietly dispersed. The petition was afterwards presented by a deputation, and was then received.

The same and following years the workmen in London and several large towns struck for increase of wages, and for some time were supported by the unions to the great injury of themselves and the public. Among others were the cotton spinners of Glasgow, who had long been noted for the violent and arbitrary proceedings of their confederary. The subject was at length brought before parliament in 1838. In the house of commons, Mr. Wakley, on Feb. 13, moved for a select committee to inquire into the constitution, practices, and effects of the association of operative cotton-spinners of Glasgow and its neighbourhood. Mr. O'Connell moved, by way of amendment, for a select committee to inquire





Battle of Trafalgar.

William Boscawen, the Earl of Sutherland.

Nelson wounded at the Battle of the Nile.

Death of Nelson.

Death of Nelson.

into trades' unions and combinations generally in the United Kingdom. After some discussion Mr. Wakley expressed himself well satisfied to leave the question in the hands of her majesty's ministers.

TRAFALGAR, cape, Spain, on the coast of Andalusia, near the straits of Gibraltar, remarkable for the victory obtained by the British fleet, under Lord Nelson, over the French and Spanish fleets, Oct. 21, 1805, in which Nelson lost his life. The British squadron consisted of 27 ships, three of them sixty-fours. The enemy's line consisted of 33 ships of which 18 were French, and 15 Spanish, commanded by Admiral Villeneuve. The British commander-in-chief, in the "Victory," led the weather column, and the "Royal Sovereign," Admiral Collingwood, the lee. The action began at twelve o'clock, by the leading ships breaking through the enemy's line; the commander-in-chief about the tenth ship from the van, the second in command about the twelfth from the rear, leaving the van of the enemy unoccupied; the succeeding ships breaking through in all parts a-stern of their leaders, and engaging the enemy at the muzzles of their guns. The conflict was very severe; but at length the British gained the victory; 19 ships of the line, of which two were first-rates, were taken. During the action, Lord Nelson in the "Victory" made the well-known telegraphic signal of "England expects every man to do his duty."

TRAGEDY, introduced at Athens, about A.C. 490. The first contest for the prize, 469. See **DRAMA**.

TRAJAN, the Roman emperor, succeeded Nerva, A.D. 98; went on an expedition to the East, against the Parthians, 1106; erected his column at Rome, 114; subdued Assyria, 115; died 117.

TRANQUEBAR, Danish settlement of Hindoostan, in the province of Carnatic. The first Danish vessel arrived on the coast of Coromandel in 1616, where they were kindly received by the Tanjore raja, from whom they purchased the village of Tranquebar. The settlement did not prosper; and in 1624 they surrendered up their charter and property to King Christian IV., in payment of a debt they owed him. By the unfortunate rupture between England and Denmark in 1807, the Danes were deprived of all their settlements in India; but Tranquebar has since been restored.

TRANSYLVANIA, principality of the Austrian empire, was known to the Romans by the title of Dacia Consularis Mediterranea. On the eruption of the northern hordes it became subject successively to the Goths, Huns, Alans, &c. For some time it was ruled by a prince of its own, but it fell under the power of the kings of Hungary, and was governed by a deputy. In 1541 it was again separated from Hungary, and remained an independent province till 1699, when its last prince gave it up to Austria. The government is aristocratical, and since 1722 rendered hereditary to the princes of Austria.

TREBISOND, a city of European Turkey. After the capture of Constantinople by the Latins, in 1203, it became the seat of an empire extending from the mouth of the Phasis to that of the Halys. It surrendered, however, to Mahomet II. The trade has lately been considerable. The opening of the Euxine to European vessels, and the policy of Russia in shutting out the trade from its own ports by high duties since 1832, have given to Trebisonde an importance which it did not formerly possess. In 1832, 9189 packages passed through Trebisonde for Tabreez, and it is believed that, of these, full 8000 consisted of British manufactures. In 1834 about 12,000 packages, valued at £600,000, were imported into Trebisonde, and forwarded for Persia. In 1835 the number had increased to nearly 20,000, valued at near a million sterling.

TRENT, city, Austria, in the Tyrol. It is famous for a council, which was held here for 18 years. It was assembled by Paul III. in 1545, and continued by 25 sessions till the year 1563, under Julius III. and Pius IV., in order to correct, illustrate, and fix with perspicuity the doctrines of the church. The decrees of this council, together with the creed of Pope Pius IV., contain a summary of the doctrines of the Roman catholics. Trent was taken by the French in 1796, who were repulsed by the Austrians in the same year.

TREVES, town, Prussia, was frequently a royal residence under the Franks. It was subsequently received into the German empire, and continued during many centuries under an ecclesiastical government. The university was founded in 1454, and greatly extended in 1722. After 1794 it was converted by

the French into a central school, to which its Prussian possessors have lately given the name of Gymnasium. Treves remained in the hands of the French from 1794 to 1814.

TRIBUNES among the ancient Romans, magistrates chosen out of the commons to protect them against the oppressions of the great. The tribunes of the people were first established A.C. 495. Military tribunes were created, with consular power, A.C. 443.

TRICHINOPOLY, town, Hindoostan, was the capital of a Hindoo principality until 1736, when Chundah Saheb acquired it by treachery, but lost it to the Maharattas in 1741. From these depredators it was taken in 1743, by Nizam ul Mulk. In 1749 it devolved by inheritance to the Nabob Mahomed Ali, who was taken under the protection of the English. It sustained a memorable siege by the French and their native allies, which lasted from 1751 to 1755; but the extraordinary military talents displayed by Lawrence, Clive, Kirkpatrick, Dalton, and other officers, combined with the heroic valour of the British grenadiers, preserved the city, and established the British candidate on the throne of the Carnatic.

TRIESTE, sea-port town, Austria, built near the site of the Roman colony, Tergeste; and there are some remains of the aqueduct which brought water to it, six miles distant. The town first came into the possession of the Austrians in 1382. In 1719 it was made a free port by the Austrian government. In the revolutionary war it was seized by the French, but retaken by the Austrians, April 14, 1797.

TRIMMER, MRS. SARAH, author of various works on education, died 1810, aged 69.

TRINIDAD, an island in the Atlantic Ocean, opposite the coast of Cumana, was discovered by Columbus in 1498, and taken possession of by the Spaniards in 1588; but it was not till 1783 that measures were adopted for its settlement. In 1797 the island capitulated to the British under Sir Ralph Abercrombie, and from this period the population and produce have greatly increased. The slaves on this island were emancipated in 1838, and the most recent accounts notice, as a subject of congratulation, the immense and very advantageous difference between the position of the

planters of this colony on the 1st of January, 1840, and the 1st of January, 1839. Since then the conduct of the labouring population has been most steady and satisfactory.

TRINITY. The word first applied to the persons of the godhead, 150; festival instituted about 828. Trinity act passed to exempt from penalties persons denying the doctrine of the Trinity, 1813.

TRINITY SUNDAY, a festival anciently kept, and still observed by the Romish church, in honour of the Holy Trinity. Its observance was enjoined by the council of Arles, A.D. 1260; and Pope John XXII. in 1334, ordered it to be kept on the Sunday next after Whitsunday, as at present.

TRINITY HOUSE, society of, incorporated by Henry VIII. in 1515, for the promotion of commerce and navigation, by licensing and regulating pilots, and ordering and erecting beacons, lighthouses, buoys, &c. A similar society, for the like purposes, was afterwards established at Hull; and also another at Newcastle-upon-Tyne in 1537. The corporation was confirmed in 1685 in the enjoyment of its privileges and possessions, by letters patent of the 1st of James II. It is governed by a master, 4 wardens, 8 assistants, and 31 elder brothers; Prince Albert was admitted to the latter honour in 1841. This society has still the power of erecting lighthouses, &c., on the several coasts of the kingdom. See **LIGHTHOUSE**.

The ancient hall of the Trinity House at Deptford, where the meetings of the brethren were formerly held, was pulled down in 1787, and an elegant building erected for the purpose in London, near the Tower. The gross revenue, under the management of the Trinity House, amounts to about £135,000 a-year; but the nett revenue is rather under half that sum.

TRIPLE ALLIANCE, a treaty of alliance ratified between the States-General and England, against France, Jan. 28, 1668, for the protection of the Spanish Netherlands; Sweden afterwards joining the league, it was known as the triple alliance.—Another, called the Triple Alliance of the Hague, between France, England, and Holland, to oppose the designs of Cardinal Alberoni, the Spanish minister, Jan. 4, 1717.

TRIPOLI, one of the Barbary states, north of Africa. It includes the country

colonised by the Greeks, and celebrated by them under the name of Cyrene, the capital of which of the same name is now in ruins. See CYRENE. This country was early subject to the power of the Saracens, and in the reign of Charles V. it was occupied for a short time by the knights of Malta, who were driven out by Solyman. It depended on the Ottoman Porte till 1713, when it was erected into an independent state. The natives are a fine race, active and hardy, but they are severely oppressed by the pacha.

In 1828 disputes arose with Naples, in consequence of a quarrel with the pacha. His highness had offered some insult to the Neapolitan flag, and as he refused to give redress, a Neapolitan squadron was dispatched to Tripoli to exact it by force, which bombarded the town, August 23, without making any useful impression. On the 29th, the admiral got under weigh, abandoning the expedition, and Naples settled her quarrel with the pacha by a convention, October 28.

TRIPOLIZZA, town, kingdom of Greece, capital of the Morea. During the late Greek war, Tripolizza, after being occupied by the Ottoman army till October, 1821, was taken by storm by the exasperated Greeks; the town was nearly destroyed, and 6000 Moslem inhabitants or soldiers were massacred, with circumstances of peculiar barbarity.

TRIQUET, M., the celebrated florist and seedsman, of Paris, to whom we owe, at least, 200 new varieties of the tulip, died 1838.

TROMP, VAN, the Dutch admiral, born 1597; killed in an engagement with the English fleet, under Monk, July 29, 1653. See BRITAIN.

TROPPEAU, principality of the Austrian empire. The congress of Troppau was held here, Oct. 20, 1820.

TROY, a celebrated city of antiquity, and the capital of Troas, was built on a small eminence near Mount Ida, and the promontory of Sigæum, at the distance of about four miles from the seashore. The kingdom began A.C. 1546; the city was built 1480; rebuilt and so named 1341. It was taken by the Greeks and burned to the ground, in the night between June 11 and 12, A.C. 1184.

TROYES, town of France, department of Aube. By the treaty of Troyes between England, France, and Burgundy, 1420, it was stipulated that Henry V.

should marry Catherine, daughter of Charles VI., be appointed regent of France, and, after the death of Charles, should inherit the crown. The French were driven out of Troyes by the allied armies, March 4, 1814.

TRUCK SYSTEM, a practice that formerly prevailed, particularly in the mining and manufacturing districts, of paying the wages of workmen in goods instead of money. Having been very extensively abused, and loudly and justly complained of, a bill was, in consequence, introduced for its suppression by Mr. Littleton, which, after a great deal of opposition and discussion, was passed into a law, 1831, 1 and 2 Will. IV. c. 32. It is entitled "An act to prohibit the payment, in certain trades, of wages in goods, or otherwise, than in the current coin of the realm."

TRUE SUN newspaper. The printer and proprietors were, at the prosecution of the attorney-general, found guilty of two seditious libels, tending to excite the people to resist the payment of the assessed taxes, Feb. 6, 1834.

TRUMBULL, JONATHAN, American statesman, died 1809.

TRUMBULL, JOHN, American poet, born 1750, died 1831.

TRUSLER, DR. JOHN, compiler, author of the "Historian's Vade Mecum," born 1735, died 1820.

TRUXILLO, Peru, chief town of a district, was founded by Pizarro in 1535. It was ruined by an earthquake Dec. 1759.

TUCKER, DEAN, celebrated for his commercial sagacity, and author of "Elements of Commerce," "Directions for Travellers," &c., born 1712, died 1799.

TUILERIES, palace of, at Paris, begun in 1564. The front of the palace consists of five pavilions, connected by piles of building, extending more than 1000 feet. The gardens are always open to the public, and are the principal promenade of this part of the town.

TULA, town, European Russia, south of Moscow, was founded in the 16th century, and was made a bishop's see in 1799. It was desolated by fire, which destroyed 9 churches and 670 private dwellings, besides manufactories and markets, July 11th, 1834.

TULL, JETHRO, the author of several improvements in husbandry, died 1741.

TUNBRIDGE WELLS, a town in Kent, much resorted to, on account of

its chalybeate waters, discovered in 1606. Towards the end of the 17th century, the walks and assembly rooms were arranged according to their present form. About 1687 substantial buildings were erected. Queen Anne gave a stone basin for the spring, whence it was subsequently called the Queen's well.

TUNIS, city and territory, Northern Africa, one of the Barbary states. This country was formerly a monarchy. The city was taken by the Emperor Charles V., and restored to its king, that had been banished in 1535. In 1574 Tunis became a republic under the protection of the Turks. The city is situated in a bay, about 10 miles south-west from the site of the ancient Carthage. A few of the public cisterns, &c., are all that remain to point out where Carthage stood. See **CARTHAGE**.

TUNNEL. See **THAMES TUNNEL**.

TUNQUIN, or **TONQUIN**, kingdom, India beyond the Ganges. Formerly independent, but at present comprehended in the Cochin-Chinese empire. Tunquin, together with Cochin-China, Cambodia and Siampa, anciently formed part of the Chinese empire, but in the 13th century, they threw off the yoke. The Tunquinese princes gradually assumed a greater degree of independence, and about 1553 subdued Cochin-China. About 1774 a revolt began, and after a sanguinary warfare of 28 years, terminated with leaving the empire as it at present exists. Tunquin was finally conquered by Chaung Shaung, the Cochin-Chinese emperor, about 1800, and has ever since been ruled by a viceroy, delegated from the seat of government. See **COCHIN-CHINA**.

TUNSTALL, **CUTHBERT**, bishop, divine, and statesman, born about 1474, died 1559.

TURBINE, an hydraulic wheel of this name, recently invented by M. Fourneyron, and first noticed in England about 1838. It is worked by water pressure, and is stated to have excited much interest in Germany. It is said, that a turbine, only thirteen inches in diameter, worked on an axle, under a vertical pressure of water of 118 yards, revolved 2300 times in a minute, and expended only 46 grains troy of water per second; yet realized a power which, estimated in steam, would be equal to that of 60 horses.

TURENNE, a renowned French

general, in the reign of Louis XIV., born 1611, killed 1675.

TURGOT, **A. R.**, statesman, born 1727, died 1781.

TURIN, city, north of Italy, and the seat of the Sardinian monarchy, is of remote date. It belonged successively to the Romans, the Lombards, to Charlemagne, the marquesses of Saluzzo, and the princes of Savoy, who made it the capital of their states. In 1798 the French army took this city, seized all the strong places of Piedmont, and obliged the king and his family to remove to the island of Sardinia. In 1799 the French were driven out by the Austrians and Russians, but shortly after, the city and all Piedmont surrendered to the French. In 1814 it was delivered up to the allies, who restored it to the king of Sardinia.

TURKEY, empire, extending over the south-east of Europe, and the contiguous parts of Asia and Africa. The Turks, or Turkmans, were originally a tribe of Huns, who about the 7th century began to raise a new empire in Asia. About 800, issuing from an obscure retreat, they obtained possession of a part of Armenia, called from them Turcomania; but in the 13th century, being harassed in their new possessions by other Tartar tribes, retreated to Asia Minor. Their dominions were united under Othman, or Osman, who assumed the title of sultan, and established his empire at Prusa, in Bithynia, about 1300.

His successors extended their conquests over the adjacent parts of Asia, Africa, and Europe. Adrianople was taken by them as early as 1360. The succeeding reign was that of Bajazet I., which is memorable in Turkish history. See **BAJAZET**. In 1453 Constantinople was taken from the Greeks, and became the capital of the Turkish empire. See **CONSTANTINOPLE**.

The following is a list of the emperors of Turkey from this time:—

Mahomet II.....	1451
Bajazet II.	1481
Selim I.....	1512
Solyman I.	1520
Selim II.	1566
Amurath III.	1574
Mahomet III.	1595
Achmet I.	1603
Mustapha I.	1617
Osman, or Othman II.	1618
Mustapha I., restored	1622
Amurath IV.	1623





Death of Wat Tyler.

Wat Tyler kills the Collector.

John Ball preaches to the Rebels.

The Rebels seize the town & behead the Archbishop.

Conference of the King & Tyler.

Ibrahim.	1640
Mahomet IV.	1649
Solyman II.	1687
Achmet II.	1691
Mustapha II.	1695
Achmet III.	1703
Mahomet V.	1730
Osman, or Othman II.	1754
Mustapha III.	1757
Achmet IV., or Abdul Hamed. . .	1774
Selim III.	1789
Mustapha IV.	1807
Mahomet VI.	1808
Mahmoud II.	1808
Abdul Medjid.	1839

After the battle of Poltava, in 1709, and the retreat of Charles XII. of Sweden into Turkey, the czar, Peter the Great, advanced against the Turkish frontier; he was, however, obliged to sign the treaty of Pruth, which stipulated the surrender of Azoph and some other fortresses. The Turks have since experienced many reverses, and recent events, particularly the loss of Greece in 1828, and the cession of large tracts of territory to Russia, since that time, have shown the instability of their power in Europe. See GREECE, and RUSSIA.

1832. Commencement of hostilities with Mehemet Ali, for an account of which, see EGYPT, and SYRIA.

1839. July 1, Sultan Mahmoud II. died, in the 54th year of his life, and the 31st of his reign; and was succeeded by his son, Abdul Medjid, born April 20, 1823. Dec. 21, the first grand council held at Constantinople, for the purpose of discussing a new code of laws, the Code Napoléon to form the basis of the new legislation.

1840. July 15, the convention between England, Austria, Russia, and Prussia, for settling the affairs of Turkey and Egypt, signed at London.

TURKEY or LEVANT COMPANY, incorporated 1581; confirmed by charter 1605; abolished by 6 Geo. IV. c. 33.

TURNER, DR. WILLIAM, the first English botanist, died about 1550.

TURNER'S COMPANY, London, incorporated 1604.

TURNPIKE. See TOLL.

TUSCANY, grand duchy, Italy, was in the possession of the Romans between 700 and 800 years, until overrun by the barbarians in the 5th century. In the 13th century, the continued divisions led to the ascendancy of the Medicis. This family ruled with the title of grand

duke till it became extinct in 1737, when, by arrangements between France and Austria, their place was filled by the Duke of Lorraine, who was raised to the imperial throne. Upon the flight of the grand duke, in 1799, Tuscany was erected by the French into the kingdom of Etruria, but in 1807 was transformed into an appendage to the crown of Italy. In 1814 it was restored, and Ferdinand, the grand duke, returned to his dominions.

TUSSER, THOMAS, author of "Five Hundred Good Points in Husbandry," died 1580.

TWINING, REV. THOMAS, translator of "Aristotle's Poetics," died 1804.

TYCHO BRAHE. See BRAHE.

TYLER, WAT, the author of the rebellion in the reign of Richard II., killed 1381.

TYNDALE, translator of the Bible, for publishing of which he was burned at Augsburg, 1536.

TYNEMOUTH CASTLE AND PRIORY, Northumberland, built 700.

TYRE, the principal city of Phœnicia, and the most celebrated emporium of the ancient world, was founded by a colony from Sidon, the most ancient of the Phœnician cities, about A.C. 1690. The commerce and navigation of Tyre, probably attained their maximum from about A.C. 650. At that period the Tyrians were the factors and merchants of the civilized world. Tyre was besieged and taken by Nebuchadnezzar, A.C. 572. It was also attacked by Alexander the Great, and taken A.C. 332.

In the time of the Romans it continued still a mighty city, and during the first centuries of the Christian era, was distinguished for its zeal in the cause of christianity. During the crusades, it became the subject of contest between the Saracens and Christians. In 1289 it fell finally into the hands of the former, since which time it appears that its ruin may be dated. All that now remains is a small village, called Sour, consisting of about 60 families, who live on the produce of their little grounds and a trifling fishery.

TYROL, mountainous district of the Austrian empire, formed in the earliest ages part of the ancient Rhætia. In the disorders that followed the downfall of the Roman empire, it was divided into a number of petty lordships, which all

acknowledged the supremacy of the ancient princes and dukes of Bavaria. On the fall of the house of Guelf, in the 12th century, the Tyrolese became subjects of the empire. In the contests of the French revolution, it was invaded by Buonaparte, but the treaties of peace in 1797 and in 1801, left Tyrol in the un-

disturbed possession of the Austrians. It was overrun by the French and Bavarians in 1805; and by the treaty of Presburg was given to Bavaria. In 1809 it was ceded to Italy, but was restored to Austria in 1814.

TYRWHITT, THOMAS, English writer, born 1730, died 1786.

U.

UDINA, GIOVANNI DA, born 1494, died 1564; celebrated for having been the reviver of stucco work.

UKRAINE, country, south-east of Russian-Poland, was the scene of repeated invasions, of which that by Charles XII. of Sweden in 1709, terminated in the fatal battle of Poltava.

ULLOA, DON ANTONIO, mathematician, born 1716, died 1795.

ULM, town, kingdom of Wirtemberg, is well known in the wars of Germany. After the battle of Blenheim in 1704, it sustained a siege; in 1800 it was the scene of military manœuvres, and in 1805, the errors of General Mack led to the surrender of an Austrian army. In 1802, Ulm was ceded to Bavaria, and in 1810 it was transferred to the kingdom of Wirtemberg.

ULYSSES, king of Ithaca, the son of Laertes, and father of Telemachus, was one of those heroes who contributed most to the taking of Troy; he flourished A.C. 1149.

UMMERAPOORA, (called by the natives Amarapura, or the city of the immortals,) for some time the capital of the Burman empire, was built in 1783, with the materials of the houses (chiefly wood) which were transported from Ava, the ancient capital, to which the seat of government was restored in 1819.

UNCTION, the act of anointing, or rubbing with oil, was practised by the ancient Christians in the first century, in compliance with the precept of St. James, chap. v. Extreme unction in the Romish church was in common use in 450.

UNIFORMITY, ACT OF. See ACT.

UNITED PROVINCES. See HOLLAND.

UNITED SERVICE CLUB, instituted 1828.

UNITED STATES OF AMERICA con-

sisted originally of colonies from Great Britain and Ireland, which have been established at different periods and under various circumstances. The settlement and progressive growth of the separate colonies extends from 1607 to 1776, over a period of 170 years. Of the 13 colonies, whose delegates signed the declaration of independence, 12 were settled in the 17th century, and others underwent alterations before the establishment of the Union, as follows:—Virginia, settled 1607. New York, by the Dutch, 1614; occupied by the English 1664. Plymouth, 1620; incorporated with Massachusetts in 1692. Massachusetts, 1628. New Hampshire, 1623. New Jersey, by the Dutch, 1624; occupied by the English in 1664. Delaware, by the Dutch, 1627; occupied by the English in 1664. Some Swedes settled here in 1638, but they were conquered by the Dutch, and most of them left the country. Maine, 1630; united with Massachusetts in 1677, afterwards erected into an independent state in 1820. Maryland, 1633. Connecticut, 1635; settled with Massachusetts. New Haven, 1637; united with Connecticut in 1662. Providence, 1635; Rhode Island, 1638, united and called Rhode Island, 1644. North Carolina, 1650; a distinct colony in 1729. South Carolina, 1670. Pennsylvania, 1682. Georgia, 1733. In 1630 the number of English colonists in North America did not exceed 4000; in 1660, it was not less than 80,000, and had therefore increased twenty-fold in the short space of 30 years. In 1701 the population of the colonies is estimated to have been about 262,000.

After a long struggle with the difficulties of their situation, by patient perseverance and industry they began to flourish and increase in wealth and population. In these circumstances, they

became involved in the disputes with the mother country, which terminated in their separation. The Americans formed a congress, which, in 1776, disclaimed all dependence on the mother country. The French king entered into an alliance with them in 1778, and the colonies, powerfully assisted by France, were successful. In 1781 the contest was finally closed by the surrender of Cornwallis, at Yorktown, to the combined French and American forces under Washington and Rochambeau, October 19. In the following year, a treaty was concluded between Holland and the United States; and after long protracted negotiations, a definitive treaty of peace with Great Britain was signed September 23, 1783. Denmark, Spain, Sweden, and Russia, had previously recognised the United States as a sovereign power.

In consequence of the public debt and distress brought on by the war, the country was becoming a prey to anarchy, when a convention, composed of delegates from the several states, met at Philadelphia, May 1787, for the purpose of revising the articles of confederation, and, under the presidency of Washington, agreed on a federal constitution September 17, to be proposed to the people in state conventions, which was the basis of the federal government established in 1789. The states subsequently admitted into the union were, Vermont, separated from New York, 1791; Tennessee, from North Carolina, 1796; Kentucky, from Virginia, 1799; Ohio, formed from lands north-west of the Ohio, which had been ceded to the general government by the states to which it belonged, 1802; Louisiana, from Louisiana purchase, 1812; Indiana, from North-west Territory, 1816; Mississippi, from Georgia cession, 1817; Illinois, from North-west Territory, 1818; Alabama, from Georgia cession, 1819; Maine, separated from Massachusetts, 1820; Missouri, set off from Louisiana purchase, 1820. Since then the following territories have been added to the Union: Florida, 1821; Michigan, Arkansas, and Columbia; Wisconsin Territory, 1826; Iowa Territory, &c.

During the reign of Buonaparte, in order to counteract the imperial decrees and British orders in council, the American government laid an embargo, prohibiting the exportation of every article from the United States (Dec. 1807), and

thus entirely annihilating their foreign commerce. At the same time, all trade and intercourse with France and England were prohibited by act of congress. In June, 1812, war was declared against Great Britain, and was continued, with various success, for three years, during which the Americans attempted, without success, the conquest of Canada, and the British were repulsed in several attacks upon the maritime cities. The successes of the Americans by sea were more brilliant. Peace was finally concluded at Ghent, Dec. 24, 1814.

The change in European affairs, produced by the peace of Paris in 1815, and the events of the American war, contributed to introduce a considerable change in the policy of the American government. Since that period, foreign politics have had little influence in the country; manufacturing industry has been developed to an astonishing degree, and taken under the protection of the government; internal improvements—the construction of roads and canals—have been pushed with wonderful vigour; the acquisition of Florida in 1821 has given a more secure southern boundary to the republic; new states have been admitted into the Union, and years of peace and prosperity have developed the resources of the country.

1841. The line of boundary in the north-eastern quarter of the United States, between the state of Maine and the British provinces of New Brunswick and Lower Canada, has been, for some years, a subject of elaborate negotiation, and is not yet settled. The excited feelings of the border inhabitants, together with the destruction of the Caroline steamer, threaten to become a subject of serious national controversy.

INAUGURATION OF PRESIDENTS OF THE UNITED STATES.

George Washington, two terms, eight years, 1789—1793.

John Adams, one term, four years, 1797.

Thomas Jefferson, two terms, eight years, 1801—1805.

James Madison, two terms, eight years, 1809—1813.

James Monroe, two terms, eight years, 1817—1821.

John Quincy Adams, one term, four years, 1825.

Andrew Jackson, two terms, eight years, 1829—1833.

Martin Van Buren, March 4, 1837.

UNIVERSITY, LONDON. The plan of this institution began to be entertained by Mr. (now Lord) Brougham, about 1816, and it was begun under his auspices. The funds for the erection of the building and for the other expenses of the establishment, were raised by shares of £100 each, the proprietors of which were formed into a joint stock company. In December, 1825, a council was elected by the shareholders to conduct the affairs of the institution, among whom were found the names of some of the most distinguished noblemen and gentlemen in the kingdom.

During the year 1826, a piece of ground was purchased at the expense of £30,000 in Gower-street, Bedford-square. By the end of February, 1827, the whole of the 1500 shares having been filled up, on April 20, 1827, the first stone was laid, with the usual ceremonies, by his royal highness the duke of Sussex. A special general meeting of proprietors was held at the Crown and Anchor Tavern in the Strand, on May 30, 1827, when Leonard Horner, Esq., F.R.S., was installed with the title of warden.

1828. The university was opened for the reception of students, after which introductory lectures, as preparatory to the several courses, were delivered by the professors.

1834. Application having been made to the government for a charter of incorporation, the privy council heard Dr. Lushington in support of the application, and Sir Charles Wetherell in opposition, April 25 and 26.

1835. Dec. 2. A special general meeting of the proprietors was held to consider a proposal of government to incorporate the university as a college, and "to grant similar charters of incorporation to such other bodies as may apply for them; and to create a board of men, eminent in science and literature, to be termed 'The London University,' whose duty would be to examine all candidates from such incorporated colleges, and grant degrees, except degrees in divinity." After some discussion, the proposition of government was assented to by the proprietors assembled.

1840. Feb. 26. Annual meeting of the proprietors of University College. It was stated that the number of pupils, during the session, was 1005, and the amount of fees paid £14,162.

UPHAM, EDWARD, bookseller, at Bath, author of "Rameses," an Egyptian tale, and "Karmath," an Arabian tale, &c., died Jan. 24, 1834.

UPHOLDERS' COMPANY, London, incorporated 1627.

URAL, or OURAL MOUNTAINS, a lofty and extensive range, which forms the country north of Asia and Russia in Europe. On the banks of the river Holwa, which flows from the Ural, a battle was fought in 1472, the consequence of which was, that these countries fell under the dominion of Russia. This range is rich in mineral products. The first working of the mines in the Ural range began near the river Nizza in the year 1623. Latterly they have been very productive. See **GOLD**.

URBINO, town, Italy, States of the Church, was the birthplace of the famous Raphael. It surrendered to the Austrians, July 10, 1799.

URUGUAY REPUBLIC, South America. See **BANDA, ORIENTAL**.

USHER, JAMES, archbishop of Armagh, theological writer, born 1581, died 1656.

USURY, an unlawful contract upon the loan of money, to receive the same again with exorbitant increase. It has been restrained by various statutes, viz., in 1275 and 1341. By statute 12 Anne, st. 2. c. 16, 1714, all contracts for taking more than five per cent. per annum interest, are in themselves totally void. This has been continued, except with regard to bills of exchange. See **BILLS**.

UTRECHT, city, kingdom of Holland. The university was founded in 1630. The Union of Utrecht was formed by Holland, Utrecht, Zealand, Friesland, and Guelderland, Jan. 22, 1579, by which the republic of Holland was constituted. Overijssel joined in 1580, and Groningen in 1594. The treaty of Utrecht was signed by Spain, July 13, 1713. The town surrendered to the French, Jan. 18, 1795, but was afterwards restored.

V.

VACCINATION, or **VACCINE INOCULATION**, partially introduced by Dr. Jenner in 1796, and first communicated to the world in his treatise, published in June, 1798, entitled, "An Inquiry into the Causes and Effects of the Variolæ Vaccinæ," &c. The result of his farther experience was also brought forward in subsequent publications in the course of the two succeeding years, and experiments afterwards made by him in connection with Dr. Pearson, Dr. Willan, and others. Dr. Jenner received £10,000 for the discovery from parliament, 1802. A public society called the "National Vaccine Establishment" for the promotion of it was instituted in 1809. The following facts from the reports, at different periods, will evince the proper estimate to be formed of the practice.

1829. The correspondence of the establishment with various parts of the world, is stated to warrant the conclusion, that there is no increase in the proportion of cases of small-pox after vaccination, and that the efficacy of the vaccine lymph is not weakened or deteriorated by transmission through any number of subjects in the course of any number of years.

1831. The establishment has furnished the means of protection to the army and navy, to every county in England and Scotland, to Ireland, to the colonies, and to several of the capitals of Europe; and nearly 12,000 of the poor of the metropolis and its immediate neighbourhood were vaccinated in the course of the year.

1840. The act 3 and 4 Vict. c. 29, passed this year, is designed to extend the practice of vaccination, and consequently to diminish as far as possible the mortality occasioned by small-pox. From the records of the registrar-general's office it appears, that the number of deaths by small-pox in the two years and a half ending December 31, 1839, were 30,000, being on an average about 12,000 per annum. The above act will prevent these evils, by prohibiting inoculation with the small-pox, and making provision for the extension of gratuitous vaccination with the cow-pox to persons of every class.

VAILLANT, **FRANCIS**, the African traveller, died 1824.

VALCKNAER, **LOUIS GASPAR**, Dutch philologist and critic, born 1715, died 1785.

VALENCIA, province east of Spain, was early conquered by the Romans, and, at a subsequent date, by the Goths, from whose hands it fell into those of the Moors. The latter established the kingdom of Valencia in 713, and retained it under several vicissitudes of fortune until 1238, when it was united to Arragon. It continued to preserve its privileges till the early part of the 18th century, when it was obliged to conform to the laws of Castile. The capital of the same name was taken by the earl of Peterborough in 1705, and lost again two years after. In 1811 it was taken by the French under Suchet.

VALENCIENNES, city, France, department of Nord, belonging to the Netherlands until 1677, when it was taken by the French. It was besieged by the allies from May 23 to July 14, 1793, when the French garrison surrendered it to the combined army under the command of the duke of York. It was retaken by the French 1794.

VALERIUS FLACCUS, author of the "Argonauts," lived in the first century of the Christian era.

VALERIUS MAXIMUS, author of "Anecdotes of Great Men," flourished in the first century of the Christian era.

VALMONT DE BOMARE, **J. C.**, naturalist, born 1731, died 1807.

VALOIS, **HENRY DE**, French writer, born 1603, died 1696.

VALTELINE, lordship, Lombardo-Venetian kingdom. On July 20, 1620, there was a general massacre of the protestants in this territory.

VANCOUVER, **GEORGE**, English navigator, born 1750, died 1798.

VANDALS, originally a Gothic nation, first began to be troublesome to the Romans in the reign of M. Aurelius and Lucius Verus, about 166. Began their kingdom in Spain 412, passed into Africa, and took Carthage, which began their kingdom in that quarter, 439,

became masters of Sicily 454; their kingdom finished by Belisarius 534.

VANDER-MONDE, the mathematician, born 1735, died 1796.

VANDERVELDE, ADRIAN, celebrated painter, born 1639, died 1672.

VAN DIEMEN'S LAND, island in the Southern Ocean, separated from New Holland by Bass' Straits. It was discovered by Tasman in 1633, and Capt. Cook called here in 1777 for supplies. It has been since visited by different navigators, and latterly British colonies have been established here. For a long period this island was thought to be a peninsula of the vast territory of New Holland, its insularity being only demonstrated in 1798 by Mr. Surgeon Bass and Lieutenant Flinders.

1804. It was regularly taken possession of by the English, with a view of forming a penal settlement for persons convicted in Sidney, and was originally dependent on New South Wales. After various surveys of the river Derwent, the present site of Hobart Town was decided upon for head-quarters. In 1813, Lieutenant-colonel Davy arrived from England as lieutenant-governor; and it was about this time that the importance and value of the colony began to be developed. About 1821 the tide of emigration set in from England, and the natural consequence was an extension of the colony within itself in every shape.

1825. Van Diemen's Land was declared by the king in council independent of the colony of New South Wales, the chief authority being vested in a lieutenant-governor and council independent of the control of the ruling powers at Sidney. The statute 9 Geo. IV. c. 83, 1828, continued by 2 and 3 Victoria, c. 70.—Aug. 24, 1839, provides for the government of New South Wales and Van Diemen's Land, and empowers the local legislatures to make rules for the better administration of justice.

The commerce of Van Diemen's Land is very considerable, and is rapidly increasing. The customs duty collected in the colony exceed £71,000 a-year, and the whole ordinary revenue is about £100,000. The arrivals in 1835 were 234 ships, burden 55,833 tons.

VANDYCK, SIR ANTHONY, portrait painter, born at Antwerp 1599, died 1641.

VANE, SIR HENRY, (the younger,) a statesman, born 1612, beheaded 1662.

VAN EYCK, HUBERT, painter, founder of the Flemish school, born 1366, died 1426.

VAPOUR CAVE, at Pymont, discovered to have similar effects to the Grotto del Cane in Italy, and the Poison Valley in Java, 1733.

VARILLAS, ANT., historian, born 1624, died 1696.

VARRO, TERENCE, author of "De Re Rustica," died A.C. 28, aged 88.

VASCO DE GAMA. See GAMA.

VATER, JOHN SEVERINUS, an eminent philologist, born 1771, died 1826.

VATICAN, the name of a celebrated palace at Rome, erected by different architects at different eras. It was begun about the end of the fifth, or the beginning of the sixth century, and rebuilt, increased, and altered by various pontiffs, from that period down almost to the present time. The library was founded in 1448.

VATTEL, the author of the "Law of nations," died 1767.

VAUBAN, MARESCHAL SEB., French engineer, and improver of the art of fortification, died 1707, aged 74.

VAUGELAS, CLAUD, French writer, born 1585, died 1650.

VEGETIUS, the author "De Re Militari," flourished in the fourth century.

VELLIUS PATERCULUS, author of the "History of Rome," lived in the first century of the Christian era.

VELLUM, invention of the art of writing upon skins, ascribed to Eumenes, king of Pergamus, the contemporary with Ptolemy Philadelphus, who began to reign A.C. 281.

VENDEE, LA, department west of France, memorable for the resistance made to the republican army in 1793, 1794 and 1795. La Vendée was also the scene of some sharp fighting in 1815, and again in 1832, when, excited by the duchess of Berri, it resisted the government. See BERRI.

VENICE, a city of Italy, and a long time the capital of a territory of the same name. The first inhabitants were the Veneti. They were conquered by the Gauls, and made a kingdom about A.C. 356; conquered for the Romans by Marcellus, 221. The city had its origin when Attila, afterwards king of the Huns, ravaged the north part of Italy, the inhabitants retired into the islands of the Gulf of Venice, on which the city was founded in 421.

The government, at first democratic, fell progressively into the hands of the aristocracy, the official head of the executive power first bearing the title of doge or duke in 697. About 1247 the government became a settled aristocracy, which was the period of the greatest relative power of the Venetians. In 1508 the territorial possessions of the republic were threatened by the formidable coalition, well known under the name of The League of Cambray, and Venice was forced to cede to Spain her possessions in the kingdom of Naples.

After the French revolution, the republic observed a cautious neutrality. But nevertheless the state was overturned in 1797, by the treaty of Campo Formio. It remained subject to Austria till 1805, when it was annexed to the French kingdom of Italy; but in 1814 it returned definitively under the power of Austria, and with its neighbouring territory it was constituted a government and delegate of the Lombardo-Venetian kingdom.

VENN, HENRY, divine, born 1725, died 1797.

VENTILATORS first invented by the Rev. Dr. Hales, 1740.

VERDE ISLANDS. See CAPE DE VERDE.

VERMONT, one of the United States, North America, was originally claimed by New Hampshire and New York; and its political condition was, for a considerable time unsettled; but the people, preferring to have a separate government, formed a constitution in 1777, which was organised in 1788, and in 1791 Vermont was admitted into the Union.

VERNET, JOSEPH, a celebrated marine painter, born 1712 died 1789.

VERNON, ADMIRAL, British naval commander who took Porto Bello, died 1757, aged 73. See PORTO BELLO.

VEROCCHIO, ANDREW, a Florentine, who first found out the method of taking likeness in plaster of Paris, born 1432, died 1488.

VERONA, ancient city, Lombardo-Venetian kingdom. Julius Cæsar established a colony here. On the decline of the empire, it experienced the fate of the other towns in the north of Italy. It was taken by Charlemagne in 774; became subsequently a free town; fell, in the course of time, under the sway of leading families; and in 1405, was united to the territorial possessions of

Venice. With these it enjoyed many ages of peace and tranquillity, until 1796, when Italy was invaded by the French. It was then added to the kingdom of Italy. In 1814 it was ceded to Austria, and in 1822 the members of the holy alliance met here to deliberate on the affairs of Europe.

VERONESE, PAOLO, celebrated Italian painter, born 1532, died 1588.

VERSAILLES, town, France, department of Seine and Oise, has been long the occasional residence of the court. Louis XIII. built a hunting seat here in 1630, which Louis XIV. enlarged into a magnificent palace. It was the usual residence of the kings of France till 1789, when Louis XVI. and his family were removed from it to Paris.

VERTOT, author of the "History of the Roman Republic," died 1735.

VESALIUS, ANDREW, anatomist, born 1514, shipwrecked 1564.

VESPASIAN, TITUS FLAVIUS, the Roman emperor, conquered the Isle of Wight 43. Began the first Jewish war 66; died 79.

VESPUCCIUS, AMERICO, a Florentine, discoverer of the West Indies, and who by art and contrivance has assumed the honour of giving his name to the New Continent, to the disparagement of the discoverer, Columbus, died after 1497.

VESTA, planet, discovered by Dr. Olbers, March 29, 1807.

VESUVIUS, volcanic mountain, south of Italy, eight miles south south-east of Naples. It is nearly 30 miles in circuit at the base, and about 3700 feet high. The eruption in the year 79, under Titus, was accompanied by an earthquake, which overturned several cities, particularly Pompeii and Herculaneum, and proved fatal to Pliny the naturalist: 250,000 people were destroyed. The following are the dates of the principal eruptions from that period: A.D. 203, 272, 472, when all Campania was destroyed; 512, 685, 993, 1036, 1043, 1048, 1136, 1506, 1538; at Puzzoli, 1631, 1632, when 4000 persons and a large tract of land was destroyed; 1660, 1682, 1694, 1701, 1704, 1712, 1717, 1730, 1737, 1751, 1754, 1760, 1766, 1767, 1770, 1771, 1779, 1785, 1786, 1787, 1794, 1810, 1814, 1816, 1819, and partial ones in 1838 and 1839. The permanent effect of the eruptions has been to lower the height of the summit.

VETERINARY ART was attended to

by the ancients. Xenophon is the oldest veterinary writer on record. In England, until the reign of George I., the medical care of horses was confided entirely to the farriers. In the early part of the 18th century the art was revived. A veterinary college was established at St. Pancras, near London, in 1792, since which time a great number of veterinary surgeons have been dispersed in the army and throughout the country, to our great national advantage.

VICE-CHANCELLOR OF ENGLAND, office of, created 1813.

VICTORIA, ALEXANDRINA, queen of England, was born at Kensington, May 24, 1819; attained her majority May 24, 1837. Her coronation was celebrated June 28, 1838. See **CORONATION**.

1840. Feb. 10. The marriage of her majesty with Prince Albert was solemnised at St. James's Chapel. The day was celebrated in the metropolis and throughout the country by a general holiday and illumination.

June 10. Attempted assassination of her majesty, by a young man named Oxford. See **OXFORD**. Nov. 21. The Queen gave birth to a daughter at Buckingham Palace, at two P.M. The christening of the infant Princess Royal took place Feb. 10, 1841, (the anniversary of the queen's marriage,) in the throne-room of Buckingham Palace. The king of the Belgians was present on the occasion. The duke of Wellington officiated as sponsor on the part of the duke of Saxe Coburg and Gotha, who was prevented from being present. The other sponsors were the Queen Dowager, the duchess of Gloucester, the duchess of Kent, the king of the Belgians, and the duke of Sussex. The Queen Dowager named the royal child—"Victoria Adelaide Mary Louisa."

VICTUALLING OFFICE instituted Dec. 10, 1663.

VIDA, a modern Latin poet, died 1566.

VIENNA, (Vindobona of the Romans,) city, capital of Austrian empire, was long the head quarters of a Roman legion. In 791 Charlemagne attached it to his dominions. It was captured in 1484, by the Hungarians, under their king Matthias, who resided in it till his death, after which it was restored to Austria. In 1529 the Turks destroyed the suburbs. In 1633 it was attacked

by the Turkish army, but repulsed under the government of Sobieski. In 1805 Vienna surrendered to the French, but was given up by the peace of Presburg. In 1809 it again surrendered to the French, but was restored on the conclusion of peace, in 1813.

VIETA, eminent French mathematician, died 1603.

VILLA FRANCA, town, Italy, kingdom of Piedmont and Sardinia. It was taken by the French in 1705, by the French and Spaniards in 1744, and by the French in 1792.

VILLARS, MARSHALL, French general, died 1734, aged 79.

VINCE, REV. S., the astronomer, died 1822.

VINCENNES, town, France, department Seine. Its castle, built in a remote age, was a country residence of the royal family, but since Louis XIV. removed the court to Versailles, it has been used as a state prison. It was here that the unfortunate duke d'Enghien was shot in 1804.

VINCENT, SIR JOHN JERVIS, EARL ST. a distinguished naval officer, was born at Meaford, in Jan. 1735. In April 1766 he was made post-captain; rear-admiral of the blue, Dec. 1790; vice-admiral, April 1794; admiral, Feb. 1799; and admiral of the fleet, July, 1821. The celebrated battle off Cape St. Vincent took place Feb. 14, 1797. Soon after this, Sir John Jervis was created a peer, by the title of Baron Jervis of Meaford, and Viscount and Earl St. Vincent. He died 1823, aged 89.

VINCENT, ST., island, West Indies, one of the windward Caribbees. The original inhabitants were Caribs, a warlike race, supposed to have been a colony from North America. It was long a neutral island; but at the peace of 1763, the French agreed that the right of it should be ceded to the English. This was followed by the reduction of the island by the French, who restored it in 1783. It was almost desolated in 1812, by an eruption of the Souffrier mountain, which had continued quiet for nearly a century before.

VINCENT, WILLIAM, D.D. head master of Westminster school, died 1811.

VINCI, LEON DA, celebrated Italian painter, born 1452, died at Paris in the arms of the king of France, 1520.

VINER, RICHARD, English divine, and author of the "Abridgment of

English Law," in 24 vols. folio, died 1757.

VINTNERS' COMPANY, London, incorporated 1437.

VIOLINS, invented about 1477, and introduced into England by Charles II.

VIRGIL, or PUBLIUS VIRGILIUS MARO, the most excellent of all the Latin poets, was the son of a potter of Andes, near Mantua, where he was born, A.C. 70. He studied first at Mantua; then at Cremona, Milan, and Naples; whence, going to Rome, he acquired the esteem of the greatest wits and most illustrious persons of his time. He turned his attention to pastoral; and his first performance, entitled "Alexis," is supposed to have been written A.U.C. 709. The celebrated eclogue, entitled "Pollio," was composed A.U.C. 714. His *Æneid* was written when he was in his 45th year. He died at Brundisium, A.C. 19.

VIRGINIA, one of the United States of North America. The first permanent English settlement formed in America was in 1607, on James river, in this state. In 1661 the laws of England were adopted as provincial laws. The colonists suffered great injury in 1673, from the Dutch squadron which ravaged the coast, and also from insurrections, which broke out in 1675 and 1676. In 1754 Colonel Washington surprised and took Fort du Quesne; but was afterwards obliged to yield to superior force. Virginia showed great opposition to the arbitrary measures of the British government in 1765 and 1769. The constitution of this state was formed in 1776, and amended by convention Jan. 14, 1830.

VISCOUNT, the first in England, Feb. 12, 1440.

VISIGOTHS. See GOTHs.

VITRUVIUS, the Roman architect, flourished A.C. 135.

VOLCANIC ISLAND formed in the Mediterranean, off the coast of Sicily, Sept. 1831. Discovery of a new group of volcanic islands about 180 miles to the west of Valparaiso, February 12, 1839.

VOLNEY, COUNT, author of the "Ruins of Empires," born 1757, died 1820.

VOLTA, ALESSANDRO, whose discoveries in physical science are among the most important of the last century, was born at Como, Naples, Feb. 18, 1745.

Having finished his studies, he was appointed, in 1774, to a professorship in his native city; and, in 1779, to one at the university of Pavia, which, during a quarter of a century, was the theatre of his labours and his glory. At the end of this period, 1804, he was permitted to retire, on condition that he should continue to give some lectures every year. Volta's principal discoveries and inventions were as follows:—The perpetual electrophorus; a description of which he wrote in June 1775. The voltaic pistol and lamp, invented in 1777. The endiometer in the same year. The voltaic pile, 1800. See GALVANISM. He died March 1827.

VOLTAIRE, FRANCIS AROUET DE, the celebrated French author, was born at Paris, Feb. 20, 1694, and flourished in the reign of Louis XIV. He had early imbibed a turn for satire; and, for some philippics against the government, was imprisoned almost a year in the bastille. When about 18 he published "The League," by which the author gained only enemies and mortification. His "Lettres Philosophiques," abounding in indecent witticisms against religion, having been burnt, and a warrant being issued for apprehending the author in 1733, Voltaire withdrew. His tragedy of "Mahomet" was first acted in 1741. "Merope," played two years after, 1743, gave an idea of a species of tragedy, of which few models had existed. Through the interest of Madame d'Etiole, afterwards marchioness of Pompadour, he was appointed a gentleman of the bed-chamber in ordinary, historiographer of France, and in 1746 became a member of the Academy of Sciences. In 1749 the king of Prussia gave Voltaire an invitation to live with him, which he accepted in August 1750. He afterwards retired to the castle of Ferney in France, about a league from the lake of Geneva. Wearied at length, however, with his situation, he came to Paris about the beginning of the year 1778, where he wrote a new tragedy called "Irene." He died in 1780, in his 86th year.

VOSS, J. H., the German translator of the "Iliad and Odyssey," died 1826.

VOSSIUS, ISAAC, Greek scholar, born 1618, died 1688.

VULGATE BIBLE. See BIBLE, p. 100.

W.

WAGER OF BATTLE, old law of, repealed 1819.

WAITHMAN, ROBERT, alderman, and one of the representatives of the city of London. When he became of age, he entered into business as a linen-draper, and commenced his political career about 1792. In 1818 he obtained his election as one of the representatives in parliament of the city of London. In 1820 he attained the honour of the shrievalty; and in October, 1823, he was chosen lord mayor. In 1826 he was re-elected as member for the city, and continued to obtain his re-election without difficulty. He died Feb. 6, 1833, aged 70.

WAKEFIELD, REV. GILBERT, divine and critic, born 1756, died 1801.

WAKEFIELD, PRISCILLA, author of "Mental Improvement," &c., born 1751, died 1832.

WALACHIA, or WALLACHIA, province European Turkey, was unknown in authentic history until its invasion and conquest by the Romans, in the reign of Trajan. On the decline of the empire, it alternately fell into the possession of the Greek emperors and the barbarians. In the 13th and 14th centuries it was in some degree subject to Hungary. It was ceded to the Turks by the treaty of Belgrade in 1739, and remained subject to the Porte till the breaking out of the Greek insurrection, when it was for a short time occupied by the Russians, but was restored to the Turks by the treaty of Adrianople in 1829.

WALCHEREN, island, kingdom of Belgium, province of Zealand, was taken by the British in July, 1809, with a view to the destruction of the ships and arsenal at Antwerp; but abandoned December following.

WALDENSES, a sect of reformers, who derived their origin from Peter Waldo, a merchant of Lyons. About 1160 he began to oppose the Roman church, and to instruct the multitude in the doctrines and precepts of Christianity. After his death, in 1179, the Waldenses were scattered abroad in many parts of Italy, France, and Germany; but one of their principal divisions occupied the

valleys of Piedmont. In most of their retreats, popish vengeance pursued them, with but few intervals of respite, for a long succession of years. The first general attack was made on them about 1400. Another massacre was the consequence of a bull, published by Innocent VIII., 1487. In 1561 a fierce and formidable attack was made on the valley by the Piedmontese forces. In 1655 a more determined and systematic effort was made by a combined force of Savoyards, French, and Germans, under the command of the Piedmontese general, the marquess di Pianezza. At this period the government of England was in the hands of Oliver Cromwell, who afforded them his protection. The next persecution of the Waldenses was that of 1685, when the duke of Savoy threw into prison 14,000, who had, in simple reliance on his good faith, put themselves into his power. Again the protestant governments of Europe interfered. From this period the Waldenses continued to exist and to increase in numbers and strength in Piedmont. From 1800, when that country submitted to France, till 1814, the Waldenses were placed on the same footing with other subjects, and emerged from the state of slavery under which they had groaned for ages. Though far from enjoying the privileges to which they are entitled, they are, at length, allowed a reluctant and restricted toleration.

WALES, principality, Great Britain, anciently subdivided into petty states, but now wholly incorporated with England. When Julius Cæsar invaded Britain, A.C. 54, this country was called Cambria, and inhabited by Silures, Dimetæ, and Ordovices. Upon the retirement of the Romans, intestine feuds convulsed and rent this province.

In 843 Roderic the Great united the states into one principality, and ruled over his new kingdom. He was followed by a line of Welsh princes, who were continually at war among themselves. During the continuance of these domestic feuds, in 1091, the subjugation of Wales was effected, by the enterprising spirit of Robert Fitzhamon, a Norman

+ my father was present.

baron. This was the origin of a new and unusual government, named that of the lords marchers. From this time the history of Wales, as an independent nation, hastens to a close; and at the death of Llewellyn ap Gryffydd in 1282, it may be said to have become extinct.

The entire conquest of the principality was completed by Edward I. in 1282; but his policy permitted the enjoyment of as much freedom as was consistent with English laws. His humane intentions were, however, frustrated by the despotic lords marchers, whose power continued until the 27th of Henry VIII., when substantial relief was afforded to this oppressed district, by a statute which established the administration of the laws upon a more solid and unimpeachable foundation, and was the original of what was called the great session of Wales. This system of judicature continued in operation until the year 1831, when the Welsh jurisdiction was totally abolished, and the counties attached to the Oxford and western circuits, according to the convenience of position, and included henceforth in the great sessions of England and Wales. See ENGLAND.

WALES, NEW SOUTH, British colony, established on the eastern coast of Australia, or New Holland, so named by Captain Cook who discovered it in 1770. The first penal settlement was formed at Botany Bay in 1788. See BOTANY BAY. But as neither the bay nor the land afforded shelter to commerce, orders were immediately given for the removal of the fleet to Port Jackson, and on February 7, a regular form of government was established at Sidney Cove.

The boundary of the New, South Wales territory extends coastwise between the parallels of lat. 36° and 28° S., or about 500 miles along the sea-shore. The portion within which land may be selected was fixed by a government order, dated Sidney, October 1829, and comprised 34,505 square miles, or 22,083,200 acres. The British settlements in this quarter contain the towns of Sidney, the capital; Paramatta, Windsor, Liverpool, Newcastle, &c. The settlements in Van Diemen's Land were also formerly included in New South Wales. See VAN DIEMEN'S LAND.

Since the establishment of the colony, many expeditions have been undertaken with a view to explore the interior, particularly under the direction of Major

Mitchell, the surveyor-general of the colony, in 1835, 1836, and 1838. At Port Philip a town named Melbourne has been founded at the north eastern angle of the bay, and is rapidly increasing.

1840. The statute 3 and 4 Victoria, c. 62, Aug. 7, declares that it shall be lawful for her majesty, by letters patent, to erect into a separate colony any islands which now are, or which hereafter may be, comprised within, and be dependencies of, the colony of New South Wales, &c.

WALKER, REV. GEORGE, author of the "Petition for acknowledging American Independence," which Burke said he would rather have been the author of than of all his own compositions, died 1807, aged 72.

WALKER, SIR PATRICK, F.R.S., ED. F.L.S., a zealous entomologist, who possessed the most extensive entomological collection in Scotland, died 1838.

WALL, WILLIAM, divine, born 1646, died 1728.

WALLACE, SIR WILLIAM, eminent Scotch general and patriot, born 1276, executed 1305.

WALLER, EDMUND, English poet, died 1687, aged 81.

WALLIS, JOHN, mathematician and divine, born 1616, died 1703.

WALMER CASTLE, Kent, built 1539.

WALPOLE, HORACE, earl of Oxford, author of the "Castle of Otranto," &c., died 1797, aged 80.

WALPOLE, SIR ROBERT, earl of Oxford, born 1674; committed to the Tower 1712; took his seat in the house of peers, Feb. 11, 1741-2; died 1745.

WALSINGHAM, SIR FRANCIS, the statesman, died 1590.

WALTHAM ABBEY, built 1062; cross built 1292.

WALTON, BRIAN, bishop of Chester, editor of the Polyglot Bible, died 1661.

WALTON, ISAAC, "the common father of all anglers," and the biographer of Dr. Donne, Sir Henry Wotton, Hooker, and Herbert; and author of the "Complete Angler, or Contemplative Man's Recreation." He was born 1593; died 1683.

WALWORTH, lord mayor of London, who killed Wat Tyler with the city mace, 1381.

WARBECK, PERKIN, the pretender to the English throne, executed Nov. 1499.

WARBURTON, WILLIAM, a learned

English bishop, was born at Newark, in Nottinghamshire, Dec. 24, 1698. The first publication which rendered him afterwards famous, appeared in 1736, under the title of the "Alliance between Church and State." The "Divine Legation of Moses" was first published in Jan. 1737-8. In 1754 he was appointed one of his majesty's chaplains in ordinary, and in the next year was presented to a prebend in the cathedral of Durham. In 1760 he was advanced to the bishopric of Gloucester. He was the author of many other valuable works. He died in 1779, in his 81st year.

WARDROBE, GREAT, in Scotland-yard, London, established 1485.

WARSAW, city, capital of Poland. Praga, one of its suburbs, is memorable for the assaults made on it in 1794, by the Russians under Suwarrow, who, in November took it by storm, massacred the inhabitants, and nearly reduced it to ashes. In 1796 they delivered the city up to the king of Prussia. In 1806 the French occupied this place; and by the treaty of Tilsit, the city, with this part of Poland, was given to Saxony, to be held under the title of the duchy of Warsaw. The Russians, however, overran it in 1813, and took possession of the city. In 1833, after the memorable struggle of the Poles for liberty, it fell entirely under the power of Russia.

WARTON, REV. DR. JOSEPH, author of the "Essay on the Life and Writings of Pope," &c. died 1800.

WARTON, REV. DR. THOMAS, author of the "History of English Poetry," &c. died 1790.

WARWICK, market town, Warwickshire. Its origin may be referred to the Saxon heptarchy, when Warremund, a Mercian chief, founded a fortress here. It was destroyed by the Danes, and restored about 913 by Ethelfleda, the daughter of king Alfred. After the Norman conquest the town was encompassed with walls, and the castle enlarged and rebuilt. This edifice is one of the most complete and magnificent examples of the baronial architecture of the middle ages. In the reign of Edward I. the fortifications were repaired by Guy Beauchamp, earl of Warwick; and in the civil war, under Charles II., the castle was garrisoned for the parliament.

WASHINGTON, GEORGE, the celebrated commander of the American army, was born in 1732, in Virginia. In

1755 he served as a volunteer in the unfortunate expedition of General Braddock. When the disaffection of the Americans to the British government had become general, he was appointed a delegate from Virginia to the congress which met at Philadelphia on October 26, 1774, and soon after to the command of the American army. He was at length raised to the presidency of the congress, in which important character he contributed greatly to the success, and finally to the independence of his country. Washington resigned the presidency in 1796, after having published a farewell address to his countrymen. From this time till the month of July, 1798, he lived in retirement at his seat of Mount Vernon. He died Dec. 14, 1799, in his 68th year.

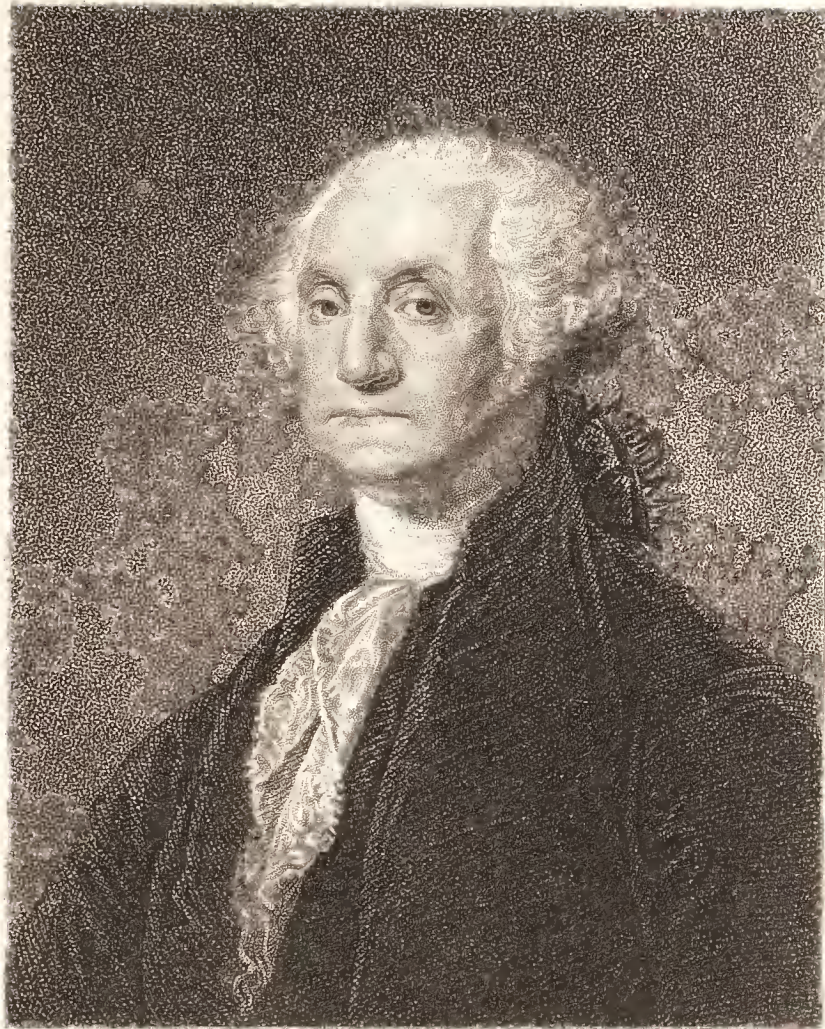
WASHINGTON, city and capital of the United States. The foundation of the north wing was laid in the presence of General Washington in 1798, and that of the centre in 1818. The city was incorporated by an act of congress, passed on May 3, 1802. Washington was taken by the British, and the principal buildings destroyed by fire, Aug. 24, 1814.

WATCHES invented at Nuremberg, in Germany, 1477; first used in astronomical observations 1500. Watches first brought to England from Germany 1597; spring pocket ones, invented by Hooke, 1658.

WATER, formerly considered as a simple elementary substance, in the 18th century was found to consist of 85 parts of oxygen gas, and 15 of hydrogen gas. The experiments which led to this discovery were made in 1776, by M. M. Macquer and Sigaud de la Fond; in 1781, by Dr. Priestly and Mr. John Warltire; and in 1783, by M. M. Lavoisier, De la Place, Watt, &c.

SUPPLY OF WATER.—London was very ill supplied before the New River water was introduced into the city. Water was first conveyed to London by leaden pipes, 21st Henry III. 1237. It took near 50 years to complete it; the whole being finished, and Cheapside conduit erected, in 1285. An engine was erected at Broken-wharf, to convey water by leaden pipes, 1594.

The New River was brought to London from Amwell, in Hertfordshire, at an immense expense, by Sir Hugh Middleton, in 1614. See **NEW RIVER CUT**.



GEO. WASHINGTON.

Geo. Washington



Battle of Waterloo.

Napoleon signs his first Abdication.

Napoleon returns from Elba.

Marshal Ney shot.

Napoleon at St. Helena.

The city was supplied with its water, by conveyances of wooden pipes in the streets, and small leaden ones to the houses. The New River company was incorporated 1620.

The water companies of London, and the houses and buildings supplied by them in 1834, were—

The New River. . . .	70,140
The East London . . .	46,421
The West Middlesex . .	16,000
The Chelsea	13,892
The Grand Junction . .	8,780
The Lambeth	16,682
The South London . . .	12,046
The Southwark	7,100

The average per day supplied by the whole is 28,774,000 gallons.

WATERFORD, city, Ireland, in the province of Munster. The foundation is attributed to the Danes, and dated 879. Richard II. was crowned here 1399; and in the reign of Henry VII. the city was augmented and considerable privileges bestowed upon it. The see of Waterford was established some time in the 11th century. The cathedral with an organ of the value of 1200 guineas was destroyed by fire, Oct. 25, 1815.

WATERLAND, DANIEL, English divine and writer, born 1683, died 1740.

WATERLOO, village, Belgium, celebrated for the signal victory obtained by the British under the duke of Wellington, with their allies, over the French under Buonaparte, June 18, 1815. In this well-known battle, the day was obstinately contested by some of the finest troops, headed by two of the most celebrated generals the world has ever produced. During the battle, the duke of Wellington presented himself in person in situations of the greatest danger, and repeatedly led on his own troops, exclaiming, "We must not be beat; what would they say in England?" At seven o'clock in the evening, and at a critical time, when the day was almost lost, on the arrival of Prussian reinforcements the whole line of battle was ordered to move forwards, while the duke in person led on the centre. The attack was irresistible. "All is lost!" issued from all parts of the French army; they fled in all directions; and the emperor with his suite galloped off the field. This important battle terminated the military career of Buonaparte, as well as the contest which had for many years desolated Europe.

WATERLOO BRIDGE. See **BRIDGE**, p. 129.

WATERMAN'S AND LIGHTERMAN'S COMPANY, London, incorporated 1550.

WATERSPOUT, an extraordinary and very formidable phenomenon frequently observed at sea, and sometimes, though more rarely, seen on land. A terrific one burst upon Mount St. John, in Cumberland, Aug. 23, 1749. A very destructive one, occurred near Aix, in the department of Mount Blanc, France, July 8, 1809. A waterspout burst on the Clidagh mountains, county of Kerry, in Ireland, by which a large district was torn up, and nine persons lost, Aug. 4, 1831.

WATER-WORKS. See **WATER**.

WATSON, JAMES, tried for assaulting a patrol on the night succeeding the Spafields riots, in 1816, and acquitted, Jan. 21, 1817: tried for high treason in connection with these riots, and acquitted June 16, 1817. See **SPAFIELDS**.

WATSON, RICHARD, a distinguished British prelate, was born at Haversham, in Westmoreland, in August, 1737. He was admitted a sizar of Trinity College, Cambridge, in November, 1754, where he greatly improved himself in Greek and Latin, and made considerable proficiency in mathematics and natural philosophy. In 1764 he was unanimously elected professor of chemistry on the death of Dr. Hadley. In 1771 he was made regius professor of divinity, and in 1782 he obtained the bishopric of Llandaff. During the whole course of his life Bishop Watson continued the strenuous advocate for civil and religious liberty. He died July 4, 1816, highly respected for the integrity of his political career, and bequeathing to his successors a handsome fortune.

WATT, JAMES, celebrated engineer and improver of the steam-engine, born 1735, died 1819. See **STEAM-ENGINE**. M. Arago, in a recent communication, says of him, "There are few inventions, among those so admirably combined in our present steam-engines, which are not the development of some of the original ideas of Watt. In addition to his principal inventions he proposed machines without condensation, in which, after having acted, the steam is dispersed in the air. The operation of the principle of expansion in machines, with several cylinders, was also one of his projects. He suggested the idea of

pistons, which should be perfectly steam-tight, although composed exclusively of metal, and of the indicator, a small apparatus so constructed that it accurately exhibits the state of the steam, in relation to the position of the piston," &c.

WATTS, DR. ISAAC, a learned and eminent dissenting minister and poet, was born at Southampton in 1674. In 1690 he was sent up to London for academical education under the tuition of the Rev. Thomas Rowe; and in 1696 was himself engaged as tutor to the son of Sir John Hartopp, bart., at Stoke Newington. He began to preach in 1698; and after officiating as an assistant to the Rev. Dr. Isaac Chauncy, he succeeded to his pastoral charge in 1702, and continued to preside over that church as long as he lived. He died in 1748. His "Lyric Poems," his "Psalms and Hymns," and his "Divine Songs for Children," are a sufficient proof of his poetical talents. His "Logic and Philosophy" have been also much admired.

WAX CHANDLERS' COMPANY, London, incorporated 1484.

WAYNFLETE, WILLIAM, prelate and statesman, died 1486.

WEAVERS' COMPANY, London, incorporated 1164.

WEBBE, SAMUEL, musical composer, born 1740, died 1817. By a course of self-education, he made himself master of the Latin, French, Italian, German, and Hebrew languages.

WEDGEWOOD, JOSIAH, whose skill in the manufacture of the finer earthen-wares gave birth to an important branch of commerce, both foreign and domestic, died 1795, aged 64. See THERMOMETER.

WEEVER, JOHN, author of "Ancient Funeral Monuments of Great Britain," died 1632.

WEIGHTS AND MEASURES. The balance was used from the remotest antiquity. The principal standards used in the ancient world were, the cubit of the Jews, from which their other measures of length, capacity, and weight were derived; and the foot of the Greeks and Romans. In England, a standard of lineal measure was introduced by Henry I., who ordered that the yard should be made of the exact length of his own arm, and that the other measures of length should be raised upon it. This standard was more fully established in

1257 in the reign of Henry III., and regulated in 1492 in the reign of Henry VII., and it has been since maintained without any sensible variation. In 1742 the Royal Society had a yard made, from this standard, a copy of which, made in 1760, having been examined by a committee of the house of commons, was declared by the act 5 Geo. IV. c. 74, June, 1824, to be the standard of lineal measure in Great Britain, from and after May 1, 1825, subsequently extended to Jan. 1, 1826.

The measures of capacity were found to be, at the period of passing the late statute, in the greatest confusion; and a considerable change has consequently been made in them. The wine gallon formerly amounted to 231 cubic inches, the corn gallon to 268.8, and the ale gallon to 282. But these are superseded by the imperial gallon, which contains 277.274 cubic inches, or $277\frac{1}{4}$ very nearly. The statute above mentioned, 5 Geo. IV. c. 74, continues in force with some modifications by 4 and 5 Will. IV. c. 49, and 5 and 6 Will. IV. c. 63, Sept. 9, 1835. This last act abolishes all local or customary measures, prohibits the practice of selling by heaped measure, &c.

WELLS, city and bishop's see, Somerset, stands at the base of the Mendip Hills, near the source of the river Ax. Here Ina, king of Wessex, in 704, founded a collegiate church. In the reign of Edward the Elder, it was made the see of a bishop. In 1007 John de Villula removed the see to Bath: this circumstance gave rise to disputes, but by the mediation of the bishop, it was decided that the episcopal title should, in future, include both cities. The cathedral church, which is situated at the eastern extremity of the city, is a magnificent cruciform edifice, chiefly in the decorated pointed style.

WENTWORTH. See STRAFFORD.

WERNER, the author of the "Wernerian System of Geology," born 1750, died 1820.

WESLEY, REV. JOHN, founder of the sect of Methodists, was born in 1703. In 1713 he was entered a scholar at the Charterhouse, and became a fellow of Lincoln-college, Oxford, about 1725; took the degree of master of arts in 1726, and was joint-tutor with the Rev. Dr. Hutchins, the rector. While at college he associated with a few of his fellow-

students, in a more than common strictness of religious life, by which they acquired the appellation of Methodists. In 1735 he embarked for Georgia, to preach the gospel to the Indian nations in the vicinity of that province. He returned to England in 1737. He preached his first field-sermon at Bristol, on April 2, 1738, from which time his disciples have continued to increase. In 1741 a serious dispute took place between him and Mr. Whitfield, in consequence of which they separated. Mr. Wesley chiefly resided, for the remainder of his life, in the metropolis, occasionally travelling through every part of Great Britain and Ireland, establishing congregations in each kingdom. He died March 2, 1791. See **METHODISTS**.

WEST, BENJAMIN, artist, born 1738, died 1820.

WEST, DR. GILBERT, translator of Pindar's Odes, died 1756.

WEST, JAMES, the antiquarian, died July 2, 1772.

WESTHAM ABBEY, Essex, founded 1154.

WESTMINSTER, city, Middlesex, the residence of the monarch, the seat of the parliament and of the high courts of justice, and constituting with **LONDON** and Southwark, the metropolis of the British empire. On the dissolution of its abbey, in 1541, Henry VIII. erected it into archbishopric. It had, however, only one prelate, for Edward VI. soon after dissolved it; and the abbey is now only a collegiate church.

WESTMINSTER ABBEY was built by Ethelbert of Kent, on the site of a temple of Apollo 914; rebuilt 1065; again rebuilt 1269; made collegiate 1560; towers built 1732; north porch repaired 1750; injured by fire July 17, 1803; complete restoration commenced 1810.

WESTMINSTER HALL, built by William Rufus, 1098; rebuilt 1399, by Richard II.; roof repaired 1748; the scaffolding erected for the trial of the rebels sold by the duke of Ancaster for £400, Sept. 13, 1748. The hall beautified and repaired 1782: went through a general repair in 1802 at the expense of £13,000.

WESTMINSTER MEDICAL SOCIETY, established 1773.

WESTMINSTER SCHOOL founded 1070; again by Queen Elizabeth 1560.

WESTMINSTER, MATTHEW OF, ancient historian, died about 1380.

WESTON, REV. STEPHEN, author of the "Conformity of the European and Oriental Languages," died 1830.

WESTPHALIA, formerly a circle of Germany, containing a duchy of the same name. This duchy, belonging in former ages to the dukes of Saxony, was in the 11th century transferred to the archbishop of Cologne. On the secularization of 1802, it was made over to Hesse-Darmstadt. At the peace of Luneville, all the parts of Westphalia on the west of the Rhine were ceded to France; and in 1806, when the confederation of the Rhine was formed, the circle itself was suppressed. In 1808 the French emperor erected the remainder into a kingdom, in favour of his brother Jerome. After the battle of Leipsic, in 1813, this new kingdom was overrun by the allies, and the government overthrown. The territory now belongs to Prussia.

WEXFORD, town, Ireland, province Leinster, founded by the Danes. On May 4, 1170, the English wrested the town from the Danish occupants, after a spirited siege of four days. Cromwell besieged this place in 1649, and having obtained admission through the treachery of James Stafford, put the garrison, consisting of 2000 soldiers, with Sir Edward Butler the governor, inhumanly to death.

WHALE. The *balæna mysticetus* of Linnæus, or the common whale, now rarely found except within the Arctic circle, at a former period was not unfrequently met with on our coasts. One was driven ashore in the Humber, 1570; one on the coast of Norfolk, 1751; one near Berwick, 1752; 13 were driven ashore in a storm on the coast of England, Feb. 1762; one was killed above London Bridge in Sept. 1781; one 19 feet long was killed at Execution Dock, Aug. 1796; one was killed at Hull, Nov. 1797; another in the Thames, Sept. 1799; and another at Leith the same month; one exhibited to the populace near London Bridge, March 1809; several were driven on the beach at Lewis, Scotland, April 25, 1832.

WHALE FISHERY. The Norwegians occasionally captured the whale before any other European nation. The Biscayans were the first people who prosecuted the whale fishery as a regular commercial pursuit. They carried it on with great success in their own seas in the 12th, 13th, and 14th centuries. In 1261

a title was laid upon the tongues of whales imported into Bayonne, they being then a highly esteemed species of food. In 1388 Edward III. relinquished to Peter de Puayanne a duty of £6 sterling a whale, laid on those brought into the port of Biarritz, to indemnify him for the extraordinary expenses he had incurred in fitting out a fleet for the service of his majesty. The whales gradually became less numerous in the Bay of Biscay, and at length ceased almost entirely to frequent that sea.

The voyages of the Dutch and English to the Northern Ocean, in the 16th century, laid open the haunts of the whale in that quarter. When in its most flourishing state, towards the year 1680, the Dutch whale fishery employed about 260 ships, and 14,000 sailors.

The English whale fishery was originally carried on by the Muscovy company and other associations, whose efforts were unsuccessful. But the legislature having resolved to support the trade, granted, in 1732, a bounty of 20s. a ton to every ship of more than 200 tons burden engaged in it. This premium being insufficient, it was raised, in 1749, to 40s. a ton, when a number of ships were fitted out.

The late war having entirely annihilated the Dutch whale fishery, in consequence of the encouragement given by the government of England, it was afterwards prosecuted with greater success than at any previous period. At the termination of the war, in 1815, there were 134 valuable ships and about 5800 seamen engaged in the Northern fishery, and about 30 ships and 800 men in that to the South. Since then the fishery has greatly fallen off, and in 1830, of 87 ships that sailed for Davis's Straits, no less than 18, or 22 per cent. of the whole, were totally lost.

WHARTON, JOHN, English divine and historian, died 1694.

WHARTON, PHILIP, DUKE OF, declared a traitor, April 3, 1729; died May 31, 1731.

WHARTON, RICHARD, F.R.S., was a barrister-at-law, and was elected member of parliament for the city of Durham 1802—6, 1807—12. He was sometime chairman of the Committee of Ways and Means; and afterwards joint secretary of the treasury. He was the author of "Observations on the Authenticity of Bruce's Travels in Abyssinia," 1800,

4to., and other works. He died Oct. 21, 1828.

WHARTON, WILLIAM, the astronomer, born 1667, died 1752.

WHEAT. See CORN LAWS.

WHEELWRIGHTS' COMPANY, incorporated 1670.

WHIG, a name of reproach given by the court party to their antagonists for resembling the principles of the Whigs, or conventiclers in Scotland about 1678. See TORIES.

WHISTON, WILLIAM, an eccentric English divine and philosopher, was born in 1667. He became chaplain to Dr. More, bishop of Norwich, in 1694; and in this situation he published his first work, entitled a "New Theory of the Earth," &c. In the beginning of the 18th century he was made Sir Isaac Newton's successor, in the Lucasian professorship of mathematics at Cambridge; he also published several scientific works, explanatory of the Newtonian philosophy. About 1710 he was known to have adopted Arian principles, and he was deprived of his professorship and banished the university. On his expulsion from Cambridge he settled in London, where he continued to write and propagate his sentiments. He died in 1762, at the age of 95.

WHITAKER, REV. J., author of the "History of Manchester," &c., born 1735, died 1808.

WHITBREAD, SAMUEL, eminent political character, died by his own hand, when in a state of mental derangement, July 6, 1815.

WHITBY, REV. DANIEL, author of the "Paraphrase and Commentary on the New Testament," born 1638, died 1726.

WHITE, HENRY KIRKE, the distinguished youthful poet, died in St. John's College, Cambridge, 1806, aged 21.

WHITE, GILBERT, naturalist, born 1720, died 1793.

WHITER, REV. WALTER, author of "Etymologicon Magnum," died 1832.

WHITFIELD, GEORGE, founder of the sect of Calvinistic Methodists, was born 1714, and entered at Pembroke College, Oxford. Here he distinguished himself by his regular attention to religious duties. Having made himself universally known in England by his labours, he embarked for America in 1739. After a long course of peregrina-

tion he returned to England, and erected two very extensive buildings for public worship at Tottenham-court Road and Moorfields. In America, however, which always engaged much of his attention, he was destined to finish his course; and he died at Newberry, about 40 miles from Boston in New England, in 1770. See **METHODISTS**.

WHITGIFT, ARCHBISHOP OF CANTERBURY, born 1530, died 1603.

WHITEHALL, Westminster, built by Cardinal Wolsey 1545; injured by fire 1690; consumed Jan. 4, 1697-8; gateway pulled down and carried to Windsor, 1748.

WHITEHEAD, PAUL, the poet, who bequeathed his heart to Lord de Spenser, as a testimony of gratitude, and which his lordship deposited in a magnificent mausoleum at his seat, West Wycombe, Bucks, died 1774.

WHITSUNTIDE, festival instituted 813.

WHITTAKER, REV. T. D., antiquarian, born 1759, died 1822.

WHITTINGTON, SIR RICHARD, rose from a low station, and was thrice lord mayor of London. He died in 1377.

WICKLIFFE, JOHN, the celebrated English reformer, was born about 1324, in the parish of Wycliff, near Richmond, in Yorkshire. He was educated at Oxford, first in Queen's and afterwards in Merton College. In 1361 he was chosen master of Baliol Hall, and in 1365, constituted warden of Canterbury College, afterwards Christchurch. In 1367 he was ejected by the regulars; the ejection was confirmed by the pope, which gave rise to his opposition to the papists. About 1370 he published a defence of Edward III. against the pope, which was the cause of his introduction at court. He was presented by the king to the rectory of Lutterworth in Leicestershire, and in 1375 he obtained a prebend in the church of Westbury in Gloucestershire. In 1377 a bull was sent over to the archbishop of Canterbury and the bishop of London, ordering them to secure this arch-heretic, and lay him in irons; but protected by John, duke of Lancaster, he eluded the prosecution. In 1382 he published "Sixteen Conclusions," in which he ventured to expose the grand article of transubstantiation. These being condemned by the chancellor of Oxford, he was expelled the university. He now retired to his living

at Lutterworth, where he finished his translation of the Bible. In 1383 he was suddenly struck with a palsy; a repetition of which put an end to his life in December 1384.

WIELAND, C. M., the German poet, born 1733, died 1800.

WIGHT, ISLE OF, county, Hants. In the beginning of the fifth century it was conquered by the Saxons; was afterwards annexed to the kingdom of Wessex; but in 787 it was captured by the Danes. King John retired hither to make preparations for renewing the war with his barons, after they had compelled him to sign Magna Charta. It was taken by the French, July 13, 1377.

WILBERFORCE, the eminent philanthropist and promoter of the abolition of the slave-trade, was born Aug. 24, 1759, at Hull; entered St. John's College, Cambridge, where he graduated B.A. 1781, M.A. 1788. In 1780 he was returned as one of the representatives of his native town; and, at the election of 1784, he was re-elected. It was at the particular solicitation of Mr. Clarkson that he was first induced to interest himself on the subject of slavery. See **SLAVERY**. Mr. Wilberforce was elected without opposition, for the county of York, at the elections of 1790, 1796, 1802, and 1806, and, after a severe contest, at the election of 1807. In 1812 he retired from the representation of Yorkshire, and was elected for Bramber. He finally retired from his senatorial duties in 1825. He was the author of several works, particularly an "Appeal to the Religion, Justice, and Humanity of the Inhabitants of the British empire, in behalf of the Negro-slaves in the West Indies." He died July 29, 1833, aged 73; and was interred in Westminster Abbey, on August 3. The funeral, which was a public one, was attended by a considerable number of the most distinguished public characters. In 1841 a statue of him, by Joseph, was placed in the abbey on the north side near the transept, forming one of the ornaments of that venerable cathedral.

WILKES, JOHN, member of parliament for Aylesbury, and author of a reputed libel on the ministry in 1763, for which he was prosecuted. April 30, he was arrested by order of the secretary of state, which began the controversy between him and the administration, relative to seizure of papers, &c., and led

to the abandonment of general warrants on the part of government. He died Dec. 26, 1797, aged 70.

WILLIAM I., of England, originally duke of Normandy, a descendant of Canute, born 1027; invaded England 1066; was crowned at Westminster, Dec. 29, 1066; died at Hermentrude, near Rouen, in Normandy, 1087; was buried at Caen.

WILLIAM II., son of the preceding, born 1057; crowned at Westminster Sept. 27, 1087; was killed by accident as he was hunting in the New Forest, by Sir Walter Tyrrel, Aug. 1100, aged 43; was buried at Winchester.

WILLIAM III., prince of Orange, born Nov. 4, 1650; created stadtholder, July 3, 1672; married the princess Mary of England, Nov. 4, 1677; landed with his army at Torbay, in England, Nov. 4, 1688; was crowned with his queen, April 11, 1689; died March 8, 1702; was buried at Westminster.

WILLIAM IV., fourth son of George III., born Aug. 21, 1765; entered the navy, under the late Admiral Rodney, Dec. 29, 1780; was created duke of Clarence, May 20, 1789; married Princess Adelaide Louisa Theresa Caroline Amelia, eldest daughter of George Frederick Charles, late duke of Saxe Weiningen, July 11, 1818; succeeded his brother, George IV., June 26, 1830; was crowned Sept. 8, 1831; died at Windsor, June 20, 1837; was buried in St. George's chapel, Windsor.

WILLIAM OF MALMSBURY, English historian, flourished 1140.

WILLIAM OF POICTIERS, first troubadour, died 1126.

WILLIAMS, GEORGE, M.D., fellow of Corpus Christi College, Oxford, regius professor of botany, keeper of the Radcliffe library, and one of the delegates of the university press. Died Jan. 17, 1834.

WILLIAMS, HELEN MARIA, a lady of some celebrity as a writer, author of "Sketch of the Politics of France;" "Sketches of the State of Manners and Opinions in the French Republic." She died Dec. 15, 1827.

WILLIAMS, REV. DR. DANIEL, founder of the library in Red-cross street, died 1716.

WILLIAMS, SIR CHARLES HANBURY, English historian and poet, died 1759.

WILLIAMS, REV. JOHN, late emi-

nent missionary to the South Sea islands, was born about the year 1792. After being designated to the work under the patronage of the London Missionary Society, he became actively engaged in the mission to the South Sea, in 1817; he discovered the island of Rarotonga in 1823. See **RAROTONGA**. After labouring with great success for 18 years among these islanders, Mr. Williams returned to England in 1835 in order to recruit his health. Here he suggested the idea of purchasing a competent vessel to be engaged in the same service, and, when his health should permit, of embarking again for the Southern Ocean. As soon as he had made this known, which was about 1836, the plan was patronised by many benevolent and influential individuals, and was ultimately attended with success. He embarked for the South Sea in 1838, and was massacred at the island of Erromanga, one of the New Hebrides, on Nov. 20, 1839.

WILLIS, DR. THOMAS, eminent English physician, &c., died 1675.

WILLOUGHBY, FRANCIS, English natural historian, died 1672.

WILLS, to demise lands, were first permitted under restrictions, by Henry VIII.; all real property was also subject to the same regulations generally at the Restoration. The statute 1 Vict. c. 26, July 3, 1837, entitled an "act for the amendment of the laws with respect to wills," repeals the statutes of wills, 32 Hen. VIII. c. 1, and 34 and 35 Hen. VIII. c. 5, and 22 of the statute of frauds, 29 Car. II. c. 3, &c. This important statute, founded on the report of the real property commissioners, has effected several useful alterations in the old law of testamentary disposition. It has materially simplified and rendered uniform the former intricate and diversified rules of execution of various forms of wills.

WILMOT. See **ROCHESTER**.

WILNA, city, Russia, in Lithuania. It is the see of a Greek metropolitan and a Catholic bishop. Its university, established in 1570, was new-modelled by the Russian government in 1803. Wilna was entered by the French, June 28, 1812. The French were driven from it by the Russians, Dec. 10, 1812.

WILSON, the American ornithologist, died Aug. 23, 1813.

WILTON, borough, Wiltshire, is of great antiquity. In 871 a most sanguinary battle was fought here between

King Alfred and the Danes. In 1003 it was burnt by Sweyn, king of Denmark, who laid waste all the western counties of England. In 1579 it was visited by Queen Elizabeth, and, in 1603, the court resided here for a short time.

WILTSHIRE, inland county of England. During the Saxon heptarchy, it was included in the kingdom of Wessex. In the seventh century, a contest for power occurred between the kings of Wessex and Mercia. In 1003 Sweyn, king of Denmark, ravaged the southern part of this county, plundered and destroyed the towns of Wilton and Sarum, and, in 1017, Edmund Ironside vanquished the Danes on the south-western borders of the county, and subsequently defeated their king, Canute, at Sherston, westward of Malmsbury.

WINCH, NATHANIEL, an excellent British botanist, author of "An Essay on the Geographical Distribution of Plants through the Counties of Northumberland, Cumberland, and Durham;" and of a very elaborate "Flora of Northumberland and Durham," died 1838.

WINCHCOMB MONASTERY, Gloucestershire, founded 800.

WINCHESTER, city, county Southampton, was founded at a period of remote antiquity; was called by the Britons *Caer Gwent*, or *White City*. The Romans styled it *Venta Belgarum*; the Saxons gave it the name of *Wintanceastre*, now altered into Winchester. Vortigern, about 448, made Winchester his metropolis; and, after the conquest of this part of the island by Cerdric, it became the capital of the kingdom of the West Saxons. After the Norman conquest, Winchester was frequently the residence of the sovereign, and here took place the coronation of William Rufus. King John held a parliament or great council at Winchester in 1203, and his son Henry, afterwards Henry III., was born here. The parliamentary general, Sir William Waller, took possession of the castle, but towards the end of 1643 it was recaptured by the royalists.

WINDHAM, WILLIAM, statesman and orator, born May 14, 1750, died June 4, 1810.

WINDOWS. Before the use of glass became general, which was not till towards the end of the 12th century, the windows of Britain seem generally to have been composed of paper, properly prepared with oil. The window-

tax was first enacted, 1696; increased Feb. 5, 1746-7; again 1763-1778; again commuted for a tax on tea, Oct. 1, 1784; increased 1797; again, 1802 and 1808; and reduced 1823. By 3 Victoria, cap. 17, any window or lights which any person shall have made or opened since April 5, 1835, under the provisions of 4 and 5 Will. 4. c. 73, are still exempt from duty. Agreeable to the act, 3 Vict. passed June 6, 1840, houses having not more than seven windows, are entirely exempt from the duty on windows.

WINDSOR, Berks, owes its importance, and probably its origin, to the royal castle or palace, which has been the favourite residence of some of our most distinguished sovereigns. The Norman conqueror kept the festival of Whitsuntide here in 1071. Henry I. enlarged Windsor Castle considerably, and built a chapel, where, in 1122, he celebrated his marriage with his second queen, Adalais of Lorrain. Additions were made to the fortifications by Henry III. Edward III. was born here. In the civil war between Charles I. and the parliament, Windsor Castle was garrisoned by the troops of the latter, and in 1648 it became the prison of the misguided monarch. Charles II. caused the castle to be well repaired and richly furnished. George III. frequented Windsor more than his immediate predecessors, and, under his direction, St. George's chapel was completely repaired; and George IV. made great improvements. The new gateway, which is called King George IV.'s, was externally completed in 1826. Other improvements, projected in his reign, were continued in the reigns of William IV. and Victoria. Prince Albert's new riding-house was completed in 1841.

WINE. The art of expressing and fermenting the juice of the grape appears to have been practised from the remotest antiquity. The wines of Lesbos and Chios among the Greeks, and the Falernian and Cecuban among the Romans, have acquired an immortality of renown. Wine was first made in England 1140; in Flanders in 1276. Port—the wine most commonly used in England—is produced in the province of Upper Douro, in Portugal; and is shipped at Oporto, whence its name. The Oporto wine-company was founded in 1756, during the administration of the Marquis Pombal. The entire and absolute disposal of

the wines raised in this district was placed in the hands of the company; who were further authorised to fix the prices to be paid for them to the cultivators, to prepare them for exportation, and to fix the price at which they should be sold to foreigners. In 1833, 2,596,530 gallons of port were retained for consumption in the United Kingdom. The Oporto company was abolished by a decree, dated Lisbon, May 30, 1834.

WIRE, invented at Nuremberg 1351. Wire mills were invented in Germany, 1563. The first erected at Skeen, by a Dutchman, 1663.

WIRTEMBERG, or **WIRTEMBURG**, kingdom, Germany, forms part of the old circle of Suabia; was erected into a kingdom by Napoleon in 1805, who made great additions to it by the territories taken from Austria. In 1813 the allies having engaged to serve the king, received his support to invade France.

WISHART, **GEORGE**, martyr, died 1546.

WISTAR, **GASPAR**, celebrated American anatomist, born 1761, died 1818.

WITCHCRAFT. The belief that certain persons were endowed with supernatural power, and that they were assisted by invisible spirits, is very ancient. Witchcraft was universally believed in Europe till the 16th century, and even maintained its ground with tolerable firmness till the middle of the 17th. In the reign of Henry VII., a woman was executed for this supposed crime by the sheriff of Devon; 600 were executed for it in France, 1609; Grandiere, a priest of London, was burnt for bewitching a whole convent of nuns, 1634; 20 old women were executed in Bretagne, 1654; five persons were burnt as witches at Paisley, in Scotland, 1697; and nine were burnt in Poland, 1775.

WITHERING, **WILLIAM**, M.D., author of "Botanical Arrangement," &c., born 1741, died 1799.

WITHERSPOON, **JOHN**, an eminent American divine, born 1722, died 1794.

WITNESSES. See **EXAMINATION OF WITNESSES**.

WOAD, **ISATIS**, or **GLASTRUM**, a plant from which the dyers obtain blue colouring matter: first cultivated in England 1582; the fixing of this colour discovered 1753.

WOLCOT, **DR.**, who assumed the name of Peter Pindar, the author of "Odes," &c., born 1738, died 1819.

WOLFE, **JAMES**, a celebrated British general, was born at Westerham, Kent, in 1726. In 1758 he was present as a brigadier-general at the siege of Louisbourg. The fame which he here acquired pointed him out as the most proper person to command the army destined to attack Quebec, where he gallantly fell September 13, 1759.

WOLLASTON, **WILLIAM HYDE**, M.D., an eminent philosopher, was born Aug. 6, 1766. He received his academical education at Caius College, Cambridge, where he proceeded, M.B., 1787, and M.D. 1793. He first settled at Bury, St. Edmund's, where he commenced practising as a physician; but with so little success that he left the place in disgust, and removed to London. Although almost every branch of science occupied him at different times, chemistry was that to which he seemed to have been most ardently devoted. He invented a very ingenious method of determining the properties and constituents of very minute quantities of matter. Dr. Wollaston was elected a fellow of the Royal Society in 1793, and was elected second secretary, Nov. 30, 1806. His communications to the "Philosophical Transactions" which were very numerous, commenced in 1797, and terminated in 1820. He was also the author of numerous scientific communications to the Royal Society, &c. He died December 22, 1828.

WOLSEY, **THOMAS**, celebrated ecclesiastic and statesman, is said to have been the son of a butcher at Ipswich. He studied at Magdalen College, Oxford, where he became acquainted with the learned Erasmus; and in 1500 became rector of Lymington in Hampshire; he was afterwards made chaplain to King Henry VIII. Having gradually acquired an entire ascendancy over the mind of that monarch, he successively obtained several bishoprics, and at length was made archbishop of York, lord high chancellor of England, and prime minister; and was for several years the arbiter of Europe. Pope Leo X. created him cardinal in 1515. As his revenues were immense, his pride and ostentation were carried to the greatest height. His ambition to be pope, his exactions, and his political delay of Henry's divorce, at length occasioned his disgrace. He died in 1530.

WOOD, **ANTHONY**, eminent anti-

quarian, author of the "History and Antiquities of Oxford," was born 1632, died 1695.

WOODFALL, WILLIAM, printer, the first man who reported the parliamentary debates from memory, and who reported them on the night of the proceedings. He died Aug. 1, 1803.

WOOLLEN MANUFACTURE. This has always ranked as an important branch of national industry; and, until it was recently supplanted by the cotton manufacture, was decidedly the most important in England. Before the 10th century there are no notices of the manufacture; and from the 10th to the 13th they are but few and imperfect. It is certain, however, that the manufacture of broad cloths was established soon after the year 1200. Edward III. invited over Flemish weavers, fullers, dyers, and others, and shortly after, or in 1337, an act was passed prohibiting the wear of any cloths made beyond sea, and interdicting the export of English wool. Foreign wool began to be imported in small quantities in the 13th century.

The manufacture was early introduced into Yorkshire. In 1533 an act was passed, 34 and 35 Henry VIII. c. 10, enacting that none shall make coverlets in Yorkshire, but inhabitants of the city of York. It was enacted, nearly at the same period, that the manufacture should be restricted in Worcestershire, to Worcester and four other towns. Norwich soon after became the principal seat of this branch of the manufacture. In 1614 a great improvement took place in the woollen manufacture of the west of England, by the invention of what is called medley or mixed cloth, for which Gloucestershire is still famous.

Towards the end of the 17th century, the value of the wool shorn in England was estimated at £2,000,000 a year. The value of the woollen manufactured goods now annually produced in England and Wales is said to be £18,000,000.

WOOLWICH, Kent, situated on the southern bank of the Thames, owes its present importance to a dock constructed in 1512 in the reign of Henry VIII., said to be the most ancient establishment of the kind in England. In the reign of George I. a foundry for cannon was erected on Woolwich Warren, from which circumstance originated the foundation of the arsenal, and the institution of the Royal Military Academy in 1741, which,

with other establishments connected with the army and navy, have raised the town to a state of great prosperity. Woolwich arsenal, stores, &c., were burnt to the value of £200,000, May 20, 1802; white hemp storehouse burnt down July 8, 1813. For an account of casting at the arsenal see **CANNON**.

WORCESTER, city, England, was destroyed during the early invasion of the country by the Danes; and in 894, it was rebuilt by Ethelred the son-in-law of Alfred the Great. A royal castle was erected here shortly after the Norman conquest. The city suffered in the contests which occurred in the reigns of John, Henry III., Henry IV., &c. In the civil war under Charles I. it was garrisoned by the royalists. After the execution of Charles I., the ill-concerted expedition of Charles II. was terminated by the victory gained over his forces by Oliver Cromwell near this place, August 22, 1651.

WORKSOP, market town, Nottinghamshire. In 1460 a battle took place here between the forces of the duke of York and those of the duke of Somerset, which ended in the defeat of the latter.

WORMS, city of Hesse Darmstadt. Here Luther appeared before the diet in 1521. It was taken by the French in 1689, and again in 1792, but restored in 1794.

WOUVERMANS, PHILIP, an eminent Dutch painter, born 1620, died 1668.

WRAXALL, SIR NATHANIEL, author of the "History of France," died 1831.

WRAY, DANIEL, English antiquarian, died 1783.

WRECK. See **SHIPWRECKS**.

WREDE, FIELD-MARSHAL, PRINCE, celebrated general and minister of state, hereditary councillor and inspector-general of the kingdom of Bavaria, was born at Heidelberg in 1767. In 1805 he served with the army against Austria. At the head of the Bavarian army he entered France in 1814, and, when peace was concluded, he was elevated to the rank of prince. He died December 12, 1838.

WREN, SIR CHRISTOPHER, one of the most eminent architects of his age, was born in 1632. He studied at Wadham College, in Oxford, where he took the degree of master of arts in 1653. In 1657 he was made professor of astronomy at Gresham College, London, which he resigned in 1660, on his being

chosen to the Savilian professorship of astronomy in Oxford. He was next year created doctor of laws; and in 1663 was elected fellow of the Royal Society. In 1665 he travelled into France, to examine the most beautiful edifices there, when he made many curious observations. In 1668 he was made surveyor-general of his majesty's works; and from that time had the direction of a great number of public edifices. He built the theatre at Oxford, St. Paul's

cathedral, the monument, &c. He died in 1723.

WYATT, JAMES, architect, died October 1813.

WYCHERLY, WILLIAM, poet, born 1640, died Jan. 1, 1715-16.

WYKEHAM, WILLIAM OF, eminent English prelate, bishop of Winchester, founder of New College, Oxford, died 1404.

WYNDHAM, SIR WILLIAM, statesman, born 1687, died 1740.

X.

XAVIER, FRANCIS, BARON DE ZACH, author of the astronomical work entitled "Recueil," born 1754, died 1833.

XENOCRATES, a celebrated Grecian philosopher, born at Chalcedon in the 95th Olympiad. He was a disciple of Plato, and supported the credit of the Platonic school by his lectures, his writings, and his conduct. He lived to the first year of the 116th Olympiad, or the 82d of his age, when he lost his life by accidentally falling, in the dark, into a reservoir of water.

XENOPHON, an illustrious philosopher, general, and historian, was born at Athens 82d Olympiad. He entered the army of Cyrus, and after his death, acquired great glory by the prudence and firmness with which he conducted back the army through the midst of innumerable dangers, into their own country, an account of which is related by him in his "Retreat of the Ten Thousand." He died at Corinth in the first year of the 105th Olympiad.

XERES DE LA FRONTERA, town, Spain, province of Andalusia. On a plain

adjoining to this town the famous battle between the Moors and Goths was fought in 711, in which the Goths were completely defeated, and their empire overturned.

XIMENES, CARDINAL DE, bishop of Toledo and prime minister of Spain, was born at Torrelaguna, in Old Castile, in 1437. He erected a famous university at Alcala; and in 1499 founded the college of St. Ildephonso. In 1507 Pope Julius II. gave him the cardinal's hat, and King Ferdinand V. entrusted him with the administration of affairs. In 1509 he extended the power of Spain by taking the city of Oran in the kingdom of Algiers. King Ferdinand dying in 1516, left Cardinal Ximenes regent of his dominions; and the Archduke Charles, who was afterwards the Emperor Charles V., confirmed that nomination. During his administration he vindicated the rights of the people and of the crown against the exorbitant power of the nobility, but afterwards fell into disgrace. He died in 1517, in his 81st year.

Y.

YARMOUTH, sea-port, Norfolk, in the reign of William I. was a royal demesne. In 1588, at the time of the alarm from the Spanish armada, a castle stood in the middle of the town. In 1664, in the reign of Edward VI., when a rebellion against the government took place in Norfolk, under Ket, the insurgents furiously assaulted this place, but they were repulsed. Not far from the jetty a naval pillar was erected in 1817, in commemoration of Admiral Lord Nelson.

YELLOW FEVER raged in the West Indies with uncommon mortality in 1794; at Santa Cruz, Teneriffe, 1200 died of it, February, 1811.

YEOMEN OF THE GUARDS, first instituted Oct. 30, 1485.

YORK, county, England. After the invasion of Britain by the Anglo-Saxons, it formed the principal part of the kingdom of Deira, but the Britons retained the sovereignty, till about 560, when, in 617, Deira was united with the northern kingdom of Bernicia, under the name of

Northumbria. This kingdom, after undergoing various revolutions, was ravaged by the Danes, under Inguar and Hubba in 867, and subsequently colonised by that people. The Danes invaded this part of the country in 993, and again in 1093. In 1138, Yorkshire was ravaged by the Scots under their king, David I., who, however, was completely defeated at Northallerton. In 1347 David II., of Scotland, having made an incursion into Yorkshire, was, on his retreat, defeated and taken prisoner at Nevill's Cross, near Durham. During the conflicts between the royal houses of Lancaster and York, battles were fought at Wakefield and Towton. The civil war, under Charles I., commenced in Yorkshire, by the unsuccessful attempt of the king to gain possession of Hull in 1642. Subsequently battles were fought at Guisborough, Selby, and Marston Moor.

YORK, city and archbishopric, county of York, is very ancient. The emperor Adrian resided here in 124; Severus died in this city in 212. Here also the emperor, Constantius Chlorus, died in 307. In 1138 David I., of Scotland, besieged York, but was repulsed by a body of forces commanded by the bishop of Durham. In the beginning of the reign of Richard I. a terrible massacre of the Jews took place in this city. In 1252 Alexander III., of Scotland, came to York, with a large retinue, to celebrate his nuptials with the daughter of Henry III. Parliaments were held here in 1297, 1298, 1299, 1314, 1318, 1322, 1328, 1332, 1335, and 1336. Richard II. in 1389, visited York to settle some disputes between the ecclesiastics and the civic magistrates. The city having been made a royal garrison, was besieged in 1644 by Sir Thomas Fairfax, and after the battle of Marston Moor, York was surrendered to the parliamentarians. In this city was ratified the treaty of compromise between the English parliament and the Scottish army, Jan. 1, 1645.

York was made the see of a bishop under Paulinus, who converted the Northumbrians to Christianity in 627. The cathedral church, a most magnificent structure, dedicated to St. Peter, was erected principally in the 13th and 14th centuries. The building having been destroyed by fire in the reign of Stephen, it was partly re-erected by Archbishop

Roger, about 1170; but the principal part of the existing structure was built in the reign of Edward I., the nave being begun at that period, but it was finished about 1330, by Archbishop Mellow. Archbishop Thoresby rebuilt the choir in 1361, and in 1370, the central tower was also rebuilt. A richly ornamented stone screen separates the nave from the choir, which last mentioned beautiful portion of the building narrowly escaped entire destruction, in consequence of its being set on fire, Feb. 2, 1829, by Jonathan Martin, who being arrested, a judicial investigation of the affair took place, when it appeared that he was insane, and he was consequently consigned to Bedlam for life. In 1832 the damage occasioned by the fire had been completely repaired, and the choir restored in exact conformity with its former appearance, under the direction of Mr. Smirke. On May 20, 1840, another fire, broke out which entirely destroyed the roof of the nave, and a considerable portion of the south-west tower.

YORK, NEW. See NEW YORK, p. 674.

YORKE, PHILIP, earl of Hardwicke, born 1690, died 1764.

YORKE, PHILIP, second earl of Hardwicke, author of "Athenian Letters," born 1720, died 1790.

YOUNG, ARTHUR, the agriculturist, author of the "Farmer's Calendar," &c., died 1820.

YOUNG, DR. EDWARD, the distinguished author of the "Night Thoughts," was born at Upham in Hampshire, in 1684. He was matriculated into All-Souls College, Oxford. His poem, called "The Last Day," was published in 1704. This was soon after followed by "The Force of Religion, or Vanquished Love," which introduced him to the best society. In 1730 he obtained the living of Welwyn in Hertfordshire. After publishing several other poems, he died at Welwyn, April 12, 1765, regretted by all, and was buried under the altar-piece of that parish church.

YPRES, town, kingdom of Belgium. In 1793 and 1794 it was exposed to bombardment from both French and allies. It surrendered to the French under Moreau, June 17, 1794, with 6000 men and 100 cannon, &c. It remained in their hands until the overthrow of Buonaparte in 1814.

Z.

ZACH, BARON DE, a celebrated astronomer of Hungary, born 1754, died 1833.

ZARAGOSA. See SARAGOSA.

ZEALAND, NEW, in the Pacific Ocean, discovered by Tasman in 1642, by many supposed to make part of the southern continent till 1770, when the country was circumnavigated by Captain Cook, who found it to consist of two large islands, called by the natives Tavai and Eaheinomauwe. In 1814 a mission was commenced in New Zealand, which, in 1819, was visited by Mr. Marsden, under the patronage of the church missionary society, when a tract of land, consisting of 13,000 acres, was purchased from one of the chiefs, and the missionaries were settled on it. In 1832 four church mission stations had been established, and the natives were under a regular course of education. In 1839 the New Zealand company was instituted, under the auspices of which a promising colony has been established. The first vessel with settlers reached Port Nicholson, Feb. 1, 1840. The islands are now under British sovereignty.

ZENO, founder of the sect of the Stoics, was born about A.C. 300. He died at the age of 98, and the Athenians, at the request of Antigonus, erected a monument to his memory in the Ceramicum.

ZEPHANIAH, the prophet, flourished A.C. 641.

ZEUXIS, a celebrated painter of antiquity, flourished about A.C. 400.

ZIMMERMAN, JOHN GEORGE, M. D., author of "Solitude," born 1728, died 1795.

ZINC, or SPELTER, a metal of a brilliant white colour, with a shade of blue. The word zinc occurs, for the first time, in the writings of Paracelsus, who died in 1541; but the method of extracting it from its ores was not known till the

early part of the last century. Zinc is produced in the province of Yunan, in China, and, previously to 1820, large quantities of it were exported from that empire to India, the Malay Archipelago; &c. But about that time the free traders began to convey European spelter (principally German) to India cheaper; and it has entirely supplanted the latter in the Calcutta market.

ZINZHIS KHAN. See GENGHIS KHAN.

ZINZENDORFF, COUNT NICHOLAS LEWIS, founder of the Hernhutters, or sect of Moravian co-operatives, who lived together in common at Hernhutt, died 1748, aged 70.

ZODIAC, SIGNS OF THE, invented by Anaximander, A.C. 547.

ZOOLAS, or ZOOLUS, a numerous and powerful tribe of Caffres on the east coast of South Africa. In 1824 a small English colony was founded at Port Natal, with full encouragement from Chaka, the Caffre chief. See NATAL.

ZOOLOGICAL SOCIETY, formed in 1826; incorporated 1829. Gardens, Regent's-park, instituted 1826; improved in 1830 and 1831.

ZOROASTER, the founder of the religion of the Magi, flourished 1066.

ZOSIMUS, author of the "History of the Roman Emperors," flourished A.C. 400.

ZUINGLIUS, ULRICUS, an able and zealous Swiss reformer, was born at Wildehausen in 1487, and officiated as preacher at Zurich from the beginning of 1519 to 1523; he preached not only against indulgences, but against other articles of the Romish church. He differed from Luther on the subject of church government, which caused a dispute with his countrymen. Both sides had recourse to arms; when Zuinglius, who began as a preacher, died in arms as a soldier, in 1531.

THE END.

